

# AIR QUALITY MONITORING REPORTS 1975

## Volume 4



CA20N  
EV 665

A35  
v.4

3731



Ministry  
of the  
Environment

Hon. George A. Kerr, Q.C.  
Minister

K. H. Sharpe  
Deputy Minister



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CA20N  
EV 665  
A35  
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TL  
**AIR QUALITY  
MONITORING  
REPORT  
ONTARIO  
1975**

**VOL. 4** CO, HC + OZONE

PL



Ministry  
of the  
Environment

Hon. George A. Kerr, Q.C.  
Minister

K. H. Sharpe  
Deputy Minister



## VOLUME 4

## CONTENTS

Station Number	Location	No. of Months	Page
CARBON MONOXIDE			
12008	467 University Ave.W. Windsor	12 .....	1
14049	156 Victoria St.N. Sarnia	12 .....	8
15001	Western Fair Grounds, King/Rectory London	12 .....	15
29025	Barton/Wentworth Hamilton	12 .....	22
31001	67 College St. Fifth Floor Toronto	10 .....	29
31090	67 College St. 2nd Floor Toronto	6 .....	35
33002	Pharmacy and 401 Toronto	11 .....	39
33003	Lawrence/Kennedy Scarborough	12 .....	46
34002	Science Centre, 770 Don Mills Rd. Toronto	11 .....	53
34007	Bathurst/Wilson Toronto	12 .....	60
35033	Evans/Arnold Etobicoke	7 .....	67
51001	McDonald Garden, Rideau/Wurtemberg Ottawa	3 .....	72
56051	Memorial Park, York/Third St. Cornwall	4 .....	75
77016	Ash Street Water Tank Sudbury	10 .....	78
TOTAL HYDROCARBONS			
12008	467 University Ave.W. Windsor	12 .....	84
14049	156 Victoria St.N. Sarnia	11 .....	91
15001	Western Fair Grounds, King/Rectory London	12 .....	98
16001	Horticultural Station Simcoe	6 .....	105
22071	Experimental Farm Simcoe	7 .....	110
29025	Barton/Wentworth Hamilton	12 .....	115
31001	67 College St. Fifth Floor Toronto	12 .....	122
31090	67 College St. 2nd Floor Toronto	7 .....	129
33002	Pharmacy and 401 Toronto	12 .....	134
33003	Lawrence/Kennedy Scarborough	12 .....	141



Station Number	Location	No. of Months	Page
34002	Science Centre, 770 Don Mills Rd. Toronto	12 .....	148
34007	Bathurst/Wilson Toronto	12 .....	155
35003	Elmcrest Road Etobicoke	12 .....	162
35033	Evans/Arnold Etobicoke	12 .....	169
51001	McDonald Garden Rideau/Wurtenburg Ottawa	12 .....	176
56051	Memorial Park York/Third St. Cornwall	4 .....	183
77016	Ash St. Water Tank Sudbury	11 .....	186
OZONE			
12008	467 University Ave.W. Windsor	12 .....	193
14049	156 Victoria St.N. Sarnia	12 .....	200
15001	Western Fair Grounds, King/Rectory London	12 .....	207
16001	Horticultural Station Simcoe	6 .....	214
22071	Experimental Farm Simcoe	6 .....	218
29025	Barton/Wentworth Hamilton	12 .....	223
31001	67 College St. Fifth Floor Toronto	12 .....	230
33003	Lawrence/Kennedy Scarborough	12 .....	237
34002	Science Centre, 770 Don Mills Rd. Toronto	12 .....	244
35003	Elmcrest Road Etobicoke	12 .....	251
48002	MTC Yard 9 Stouffville	8 .....	258
51001	McDonald Garden Rideau/Wurtenburg Ottawa	12 .....	263
56051	Memorial Park York/Third St. Cornwall	11 .....	270
58024	Wesleyville G.S. Trailer Wesleyville	11 .....	277
58025	Natural Resources Bldg. Orono	8 .....	284
77016	Ash St. Water Tank Sudbury	12 .....	289



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE														UNITS - PARTS/MILLION											
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR														MONTH - JAN 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	7	5	4	3	4	4	4	4	4	4	3	4	4	4	3	3	3	4	4	4	3	3	3	4
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31	2	2	2	3	3	3	4	4	4	3	3	3	3	4	3	5	6	4	3	3	3	3	3	3	3
MEAN	4	4	4	3	3	3	4	4	5	4	4	4	4	4	4	4	5	4	4	4	4	4	4	4	3

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE													UNITS - PARTS/MILLION												
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR													MONTH - FEB 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	4	4	3	3	3	3	3	3	4	3
2	4	3	3	3	3	4	4	4	4	3	2	2	3	3	3	4	2	3	3	4	3	4	4	4	3
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6	5	5	4	4	4	4	5	5	7	7	5	5	5	5	5	5	6	5	5	5	4	4	4	4	6
7	3	3	3	3	3	3	3	5	6	4	4	4	4	5	4	4	5	5	2	4	3	3	3	3	4
8	2	2	2	2	3	1	1	1	1	1	2	0	3	3	3	3	3	2	2	3	2	2	2	2	2
9	1	1	1	1	0	0	0	3	3	3	3	2	2	3	3	3	2	2	2	2	2	2	2	2	2
10	3	3	4	3	3	3	4	5	7	6	5	3	3	3	4	4	7	4	4	4	4	5	5	5	4
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14	3	2	2	2	2	2	2	4	6	8	4	4	7	7	7	14	7	7	7	7	7	7	7	7	7
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17	5	4	4	4	4	4	4	4	5	5	5	5	6	7	7	6	8	7	6	6	6	6	6	6	6
18	4	5	5	5	5	6	6	6	5	6	6	6	6	6	6	7	9	7	6	7	6	6	6	6	6
19	5	5	5	4	5	6	5	6	8	6	6	5	5	5	5	5	7	7	5	6	5	5	5	5	5
20	4	4	4	4	4	5	4	5	5	5	4	4	4	4	4	5	5	5	6	6	6	6	6	6	6
21	- DATA INVALID -																								
22	- DATA INVALID -																								
23	- DATA INVALID -																								
24	- DATA INVALID -																								
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28	3	3	3	3	3	3	4	4	5	5	5	6	5	5	5	5	5	5	4	4	4	4	4	4	4
MEAN	4	3	3	3	3	3	4	5	5	4	4	4	4	4	5	5	5	5	4	4	4	4	4	4	4 1

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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH - MAR 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	3	2	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
2	4	4	3	3	3	3	3	3	3	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	4
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18	***	***	***	***	***	***	***	***	***	***	3	3	3	3	3	4	6	5	5	6	6	6	5	5	5
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25	5	5	4	4	4	5	4	5	5	4	5	6	6	5	4	4	4	4	4	2	2	2	2	2	2
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28	***	***	***	***	***	***	***	***	***	***	6	6	4	4	3	3	4	5	5	5	5	5	4	5	5
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31	3	3	3	3	4	3	3	4	3	3	3	3	3	4	3	4	5	5	4	7	7	10	9	6	4
MEAN	4	4	4	4	4	4	4	4	5	4	4	4	5	5	4	4	5	5	4	5	4	5	5	4	4

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
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3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH - APR 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	7	7	4	6	6	7	8	9	8	8	7	7	7	7	7	7	8	8	7	7	6	7	7	7
2	6	5	4	4	4	4	3	3	3	2	3	5	5	***	***	***	***	***	***	***	***	***	***	***	***
3												- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	
4												- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	
5												- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	
6												- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	
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14	***	***	***	***	***	***	***	***	***	***	3	4	4	4	5	5	5	6	5	5	4	4	4	4	***
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16	10	8	8	6	6	6	7	10	9	8	7	5	4	4	6	6	6	6	7	7	7	8	8	8	7
17	8	8	8	7	7	7	8	10	10	8	6	7	7	8	7	7	7	7	8	9	6	4	4	4	3
18	3	4	4	4	4	4	5	5	7	7	***	4	4	***	***	6	6	5	4	3	3	4	8	8	5
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23	2	2	2	1	1	1	2	3	3	3	3	4	4	4	4	5	7	4	4	4	4	4	4	4	5
24	5	6	5	5	4	4	6	7	7	6	5	5	4	5	4	5	5	4	4	3	3	3	3	2	6
25	2	2	2	2	1	1	2	3	3	3	4	5	4	4	3	4	4	4	4	3	4	4	4	3	5
26	8	12	11	9	9	4	3	3	3	3	3	3	2	3	3	3	3	3	3	3	4	4	3	3	3
27	3	3	3	3	3	3	3	3	3	2	2	2	2	3	4	3	4	3	3	4	3	3	3	3	3
28	3	3	2	2	3	3	4	4	4	4	***	5	5	5	5	7	5	4	4	4	5	4	4	4	4
29	4	3	3	3	3	3	4	5	5	5	5	5	5	5	6	7	7	7	7	7	6	6	6	6	5
30	5	5	6	7	7	7	8	8	8	7	6	6	5	5	5	6	6	5	5	5	5	7	6	7	6
MEAN	4	5	4	4	4	4	4	5	5	4	4	4	4	4	4	5	5	4	4	4	4	4	4	4	4

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - CARBON MONOXIDE														UNITS - PARTS/MILLION										
	STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR														MONTH - MAY 75										
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	8	7	6	6	8	8	9	7	****	5	5	5	5	6	6	4	4	4	4	4	4	4	5	6
2	4	4	5	5	5	5	8	8	6	5	4	4	4	5	5	5	5	5	4	7	7	11	12	12	6
3	11	10	9	8	8	7	8	9	8	7	7	7	7	7	8	9	9	10	8	8	9	11	12	13	9
4	13	13	13	11	12	12	12	12	12	11	11	12	11	11	11	11	10	11	11	13	13	13	13	13	12
5	11	10	10	8	9	10	11	9	****	5	4	2	3	4	5	4	4	4	7	6	8	5	6	4	3
6	4	4	2	2	2	2	3	4	4	****	****	4	2	1	0	0	4	2	2	2	3	3	6	4	3
7	6	5	5	4	4	4	6	7	5	4	3	3	3	2	2	3	2	2	2	2	3	3	6	7	3
8	3	2	3	3	2	3	4	5	3	3	3	2	2	2	2	2	2	1	2	2	3	2	2	3	3
9	5	3	3	2	2	4	5	7	6	4	3	3	3	3	3	3	2	2	3	3	4	4	5	4	3
10	4	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	4	4	5	4	3
11	6	5	4	3	2	3	3	4	3	3	3	3	3	1	0	0	0	2	3	2	2	1	1	2	2
12	2	2	2	2	2	3	4	5	5	****	4	5	4	5	4	6	5	2	2	3	4	3	5	5	4
13	5	5	8	8	6	11	14	13	11	6	6	4	4	4	4	4	4	3	3	3	4	5	4	4	6
14	3	3	2	2	2	4	4	6	****	5	5	4	3	3	3	4	4	4	5	5	4	4	4	4	4
15	3	3	3	3	3	5	6	7	5	4	3	5	4	4	4	4	4	4	5	5	4	4	4	4	4
16	4	4	3	3	3	3	4	4	3	4	3	5	4	4	5	5	4	4	5	5	5	5	5	5	4
17	6	6	6	6	6	6	7	7	7	7	8	8	6	7	7	7	7	7	7	8	8	8	8	7	4
18	7	7	7	7	7	7	7	8	9	7	6	6	7	7	7	7	7	7	7	8	8	8	8	7	4
19	2	3	3	3	3	3	3	3	2	2	3	3	4	4	4	4	4	4	4	5	4	3	2	6	7
20	4	4	4	4	4	5	5	6	5	5	5	****	7	7	7	9	9	11	12	12	14	13	10	10	7
21	8	8	8	8	8	8	7	8	8	8	8	8	8	8	8	9	9	7	7	8	8	8	8	8	8
22	8	8	7	7	7	7	8	9	8	7	7	7	7	6	6	7	6	9	10	11	14	16	12	10	8
23	7	7	5	5	6	6	7	7	****	6	6	6	6	6	6	6	5	5	6	6	6	8	9	7	9
24	7	6	6	6	6	6	7	7	6	6	6	6	7	7	7	7	7	7	6	7	7	7	6	6	7
25	4	3	3	3	4	5	4	6	4	4	5	5	6	6	5	5	5	5	5	5	6	6	6	6	6
26	5	5	4	4	4	5	5	6	6	5	5	5	4	4	4	4	5	3	3	3	5	7	6	5	4
27	3	3	3	2	3	3	3	5	6	6	6	6	5	5	5	4	4	4	4	5	5	6	6	5	4
28	4	4	5	4	4	5	5	8	6	6	6	6	4	5	5	6	6	5	6	6	6	8	8	6	6
29	6	6	6	6	6	7	7	8	7	8	8	6	4	5	5	6	5	5	5	6	5	6	6	6	6
30																									
31	5	5	6	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	7	8	8	8	8	8	6
MEAN	6	5	5	5	5	6	6	7	6	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	5.5

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE														UNITS - PARTS/MILLION											
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR														MONTH - JUN 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	7	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	5	6	6	5	6	8	8	6
2	6	6	6	6	6	8	7	8	9	10	8	7	6	5	5	7	5	5	5	5	5	5	6	6	6
3	7	7	5	5	5	6	6	7	8	6	5	5	5	5	5	5	5	5	5	5	6	6	8	7	6
4	7	6	6	6	7	10	9	8	7	5	5	5	5	5	5	5	5	5	6	6	6	6	5	6	6
5	5	5	5	5	5	7	8	9	7	6	6	7	****	****	****	****	****	****	****	****	****	****	****	****	****
6	9	8	7	6	6	8	7	6	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6
7	5	5	5	5	5	5	6	6	6	6	6	7	7	6	6	6	6	6	6	6	7	6	6	6	6
8	5	5	5	5	4	5	4	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	7	6	6
9	6	6	6	6	6	10	11	10	8	5	5	4	5	4	4	4	4	4	4	5	5	5	5	5	5
10	5	4	4	5	5	5	5	5	5	5	3	3	4	4	4	4	4	4	4	4	4	5	6	6	5
11	5	6	6	6	6	7	7	8	8	6	5	5	5	4	4	4	4	4	4	4	4	6	6	6	5
12	7	7	8	7	7	8	8	8	6	5	5	5	5	4	6	6	5	5	5	7	7	8	7	7	6
13	2	3	2	3	4	4	4	3	3	6	4	3	3	3	3	4	3	4	4	4	5	4	3	4	5
14	7	7	6	5	6	7	6	5	7	7	6	5	4	5	3	5	4	4	4	4	6	7	6	6	4
15	5	5	5	3	2	2	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
17	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
18	9	9	11	10	8	5	5	5	5	5	5	4	4	4	4	5	6	6	6	7	7	8	8	9	****
19	4	4	4	3	3	3	4	4	4	4	4	****	5	5	4	6	6	5	5	4	4	4	5	5	6
20	4	4	4	3	3	3	4	4	4	4	4	3	4	3	3	4	3	4	5	5	4	4	5	5	4
21	4	4	4	4	4	4	4	4	4	5	5	5	5	5	4	4	4	4	4	4	4	4	5	4	4
22	5	4	4	4	4	4	4	4	5	5	5	5	5	5	5	9	7	7	6	6	6	6	7	6	6
23	7	5	5	5	5	5	6	7	6	5	5	5	5	5	5	5	5	5	6	6	6	6	5	5	7
24	7	7	5	6	7	8	8	9	8	7	****	7	6	6	6	7	7	6	5	6	6	6	8	8	6
25	5	5	5	5	5	6	7	7	7	6	5	5	5	6	4	4	4	4	4	4	4	4	4	4	5
26	4	3	3	3	4	4	6	6	4	4	4	5	5	5	7	8	8	8	8	7	8	8	8	8	6
27	9	9	9	9	9	10	10	9	9	7	6	7	7	7	5	5	6	5	5	2	4	4	5	4	7
28	4	5	5	10	10	9	5	3	2	3	4	4	5	9	8	7	4	3	4	4	8	6	5	4	4
29	5	4	4	4	5	4	5	6	6	7	10	4	4	5	6	3	2	2	5	12	16	13	10	7	6
30	5	4	4	6	4	5	6	6	****	5	5	6	5	5	5	5	3	3	4	4	4	5	4	4	5
MEAN	6	6	5	5	5	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	5.5

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 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - SW NO 12008

467 UNIVERSITY AV WEST F2 WINDSOR

MONTH - JUL 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	5	5	7	8	11	11	8	5	6	12	8	5	7	8	9	8	8	8	6	8	25	18	9
2	16	18	19	20	18	14	14	12	11	11	10	4	5	***	3	4	3	3	4	5	6	7	6	6	10
3	7	6	8	5	5	5	14	19	8	***	***	***	8	7	8	10	6	9	11	9	9	11	6	5	8
4	5	5	6	10	4	5	4	5	4	5	4	3	3	3	3	4	3	3	4	4	7	9	6	15	5
5	20	11	7	8	7	8	6	5	4	2	3	3	3	3	3	3	3	3	3	3	3	4	5	5	5
6	6	6	5	5	6	6	5	4	3	3	4	4	3	2	7	1	3	1	1	2	3	2	4	5	4
7	4	4	5	5	4	4	5	5	4	4	4	4	6	6	6	6	6	6	6	7	7	4	9	6	6
8	9	8	7	5	7	7	9	9	***	7	6	5	5	5	5	8	6	5	7	6	7	4	5	7	6
9	6	9	7	5	4	2	4	5	3	2	2	5	5	4	5	5	6	4	6	5	5	7	6	1	7
10	9	7	10	9	15	15	13	12	12	10	9	5	6	3	4	3	2	3	2	6	2	2	2	2	7
11	0	0	0	0	0	3	3	3	3	2	2	2	4	3	4	3	2	2	3	4	5	5	4	6	3
12	3	3	3	3	3	5	5	5	6	5	5	5	5	4	4	5	5	6	6	6	5	5	5	9	5
13	6	5	7	6	9	8	6	5	9	6	5	6	5	3	5	6	7	4	6	5	5	6	7	7	6
14	6	4	4	4	3	3	4	5	4	2	3	4	4	4	3	4	4	4	6	5	5	5	6	7	4
15	8	6	6	6	6	8	9	9	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
16	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	6	5	5	5	5	4	5	5	4	***
17	4	5	6	5	3	4	6	6	4	3	3	3	3	2	3	3	3	2	1	1	0	0	0	0	3
18	0	0	1	1	1	0	1	1	1	3	4	3	4	3	4	6	6	6	6	6	7	6	6	6	3
19	5	6	6	6	6	6	6	7	7	7	8	6	6	6	7	6	6	6	6	6	5	7	6	6	6
20	6	6	7	7	7	7	6	7	7	7	6	6	5	4	3	3	3	2	2	2	3	3	4	4	5
21	5	4	3	3	3	3	6	6	5	4	4	3	3	3	3	2	2	2	3	3	3	3	3	4	3
22	4	4	3	3	3	10	7	7	5	4	3	2	3	4	5	5	4	6	5	4	6	7	5	5	5
23	5	7	8	6	9	8	9	8	***	6	6	5	5	5	5	6	6	5	4	4	4	4	5	5	6
24	5	5	6	6	6	6	5	5	5	5	4	4	5	5	5	5	5	3	3	2	2	2	2	2	4
25	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3	3	3	3	4
26	3	3	2	2	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3
27	4	4	3	4	3	3	4	4	3	4	4	3	4	3	4	3	2	2	2	2	3	3	3	4	3
28	4	4	4	4	3	3	3	5	***	***	***	***	***	***	4	4	4	4	4	4	6	6	6	6	4
29	***	***	***	7	8	8	8	8	7	6	4	5	5	5	5	5	5	4	4	5	5	5	5	4	6
30	***	***	***	5	5	5	7	9	8	5	5	3	3	4	4	4	4	5	4	4	4	5	5	5	5
31	5	6	7	8	8	8	10	10	8	6	5	5	6	5	5	5	4	4	3	4	5	6	6	4	6
MEAN	6	6	6	6	6	6	7	7	6	5	5	4	5	4	4	5	4	4	4	5	5	5	5	6	5

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - SW NO 12008

467 UNIVERSITY AV WEST F2 WINDSOR

MONTH - AUG 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	6	6	6	6	7	8	7	6	6	4	5	7	6	5	7	7	7	5	5	5	5	5	5	6
2	8	6	6	***	***	***	***	***	6	6	6	6	6	6	6	6	6	6	7	8	8	9	9	8	7
3	6	7	7	6	6	6	6	6	6	6	7	5	6	5	5	5	5	5	5	5	6	6	7	6	6
4	9	9	8	6	6	6	8	7	7	5	4	3	4	4	4	***	***	***	***	***	5	5	6	5	5
5	7	8	8	6	5	4	5	5	5	5	5	4	5	5	5	6	5	***	***	***	3	2	2	2	5
6	3	3	2	2	2	3	4	5	4	4	3	3	***	4	7	5	4	3	4	4	4	4	4	4	4
7	4	4	4	4	3	4	5	6	***	***	***	***	***	***	***	4	4	3	3	4	4	6	8	8	5
8	8	8	8	8	8	10	11	11	9	6	5	4	5	3	4	4	3	3	3	3	4	5	5	5	6
9	5	5	5	5	5	7	6	10	11	8	5	3	3	3	3	2	2	2	4	4	2	5	4	4	5
10	4	4	4	5	5	5	6	5	5	4	3	3	2	1	1	1	1	1	2	2	3	3	3	3	3
11	2	2	3	4	3	3	3	3	3	3	3	4	4	4	4	4	4	4	3	3	3	3	6	4	3
12	5	4	4	4	3	2	3	4	3	3	5	4	4	4	3	3	3	3	3	3	3	3	3	4	4
13	4	6	5	5	5	5	4	4	2	3	5	3	2	3	4	6	5	4	4	5	5	6	5	5	4
14	3	3	2	2	3	5	6	6	3	3	1	1	3	3	2	3	2	2	***	***	5	6	6	5	4
15	5	4	3	2	2	3	4	5	5	6	6	4	6	5	5	5	4	4	4	4	4	5	5	5	4
16	5	4	4	4	4	4	5	5	3	4	5	5	5	4	4	4	5	4	5	6	6	7	9	8	5
17	10	11	7	7	6	6	6	8	9	8	6	7	6	***	***	***	***	***	***	***	***	***	***	***	***
18	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	4	3	4	5	5	5	4	4	4	4
19	4	3	3	2	3	3	2	3	6	5	4	4	5	5	5	5	5	4	4	5	5	5	5	5	4
20	5	4	3	3	3	4	4	5	5	4	2	2	4	4	4	4	3	4	4	5	4	4	5	5	4
21	5	4	4	4	3	4	6	6	4	5	5	5	10	9	9	8	6	7	7	7	6	7	7	7	6
22	7	6	6	6	6	6	7	7	6	6	6	6	6	6	6	6	6	7	6	6	5	5	5	5	6
23	6	5	7	6	5	5	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7
24	7	8	8	7	7	8	8	8	3	3	3	3	5	5	5	4	5	5	5	5	6	5	5	6	6
25	7	5	6	6	6	6	5	5	5	6	6	6	4	3	3	3	2	3	3	4	5	6	5	4	5
26	4	3	2	2	3	6	6	5	4	3	2	2	4	***	***	6	5	4	5	7	9	11	11	10	5
27	11	10	10	9	9	12	16	16	13	8	5	5	5	5	4	5	4	3	5	5	6	6	6	6	8
28	6	6	6	6	7	7	7	7	6	5	5	5	7	7	7	7	5	5	5	6	6	6	5	6	6
29	6	5	4	4	4	4	4	4	4	5	4	4	6	4	5	5	6	4	3	4	3	3	3	3	4
30	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
31	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	5	5	4	4	5	5	5	4	4
MEAN	6	5	5	5	5	5	6	6	6	5	4	4	5	5	5	5	4	4	5	5	5	5	6	5	5

- NOTES 1. \*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE														UNITS - PARTS/MILLION											
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR														MONTH - SEP 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	4	4	3	2	2	3	4	4	3	3	3	3	2	2	3	4	6	6	3
2	6	5	4	5	4	5	7	8	7	8	7	6	7	7	7	7	6	4	3	3	3	4	5	5	6
3	5	5	5	6	6	6	7	6	5	4	5	5	6	6	6	5	5	4	4	3	6	7	6	6	6
4	6	5	4	5	6	6	6	7	6	6	6	6	6	6	6	6	5	5	6	6	6	6	6	6	6
5	6	5	4	4	5	6	7	7	7	7	6	5	6	5	6	8	6	4	4	4	5	7	7	5	6
6	5	4	4	3	3	3	4	4	4	3	3	3	4	3	3	3	4	4	4	3	5	7	8	5	6
7	7	5	5	4	4	4	5	5	4	4	3	3	4	3	3	4	4	4	3	5	7	8	4	4	4
8	4	***	***	***	***	***	***	***	***	***	***	4	3	2	3	5	3	3	3	2	1	2	4	3	***
9	2	2	2	2	2	3	5	5	4	3	3	4	5	5	5	5	5	4	4	5	5	5	5	5	4
10	5	4	4	3	3	5	6	6	4	3	3	3	3	4	4	5	4	4	6	6	6	6	6	6	5
11	6	6	5	5	5	6	7	7	6	6	7	7	8	8	8	9	7	9	9	7	5	4	4	4	6
12	4	4	4	4	5	5	6	7	5	5	4	4	4	3	3	3	3	4	4	4	4	4	4	4	4
13	3	3	3	3	3	3	4	5	4	3	3	4	4	4	4	4	3	3	3	4	4	3	3	3	3
14	4	4	4	4	4	4	6	5	4	4	5	5	5	5	4	4	4	3	3	3	3	4	4	4	4
15	4	4	4	4	4	4	9	11	9	8	5	3	2	2	4	4	3	2	3	4	5	5	5	7	5
16	7	5	5	5	5	6	7	8	8	7	7	9	9	8	8	9	6	5	4	4	4	4	4	5	6
17	6	5	5	5	5	6	9	12	9	6	5	4	4	4	5	5	5	5	3	3	3	2	2	5	5
18	2	2	2	2	2	3	5	5	7	7	6	6	7	8	9	9	11	10	***	***	***	***	***	***	6
19	***	***	***	***	***	***	***	***	***	***	***	6	5	5	5	5	4	3	2	2	4	4	4	5	***
20	5	4	3	3	3	3	3	3	3	4	6	5	5	5	5	5	4	3	3	2	4	3	4	3	4
21	4	5	6	6	4	5	5	5	4	4	2	3	4	4	3	3	3	3	4	3	3	3	3	3	4
22	5	5	5	5	5	5	5	7	7	7	7	5	6	5	5	5	4	4	4	4	4	4	4	4	4
23	4	4	4	5	5	5	6	8	9	9	8	7	5	4	4	4	4	3	3	2	3	3	2	2	5
24	3	3	3	3	4	4	4	6	9	9	8	7	5	4	4	6	5	3	2	3	3	3	2	2	4
25	3	3	4	3	4	4	4	5	6	6	6	7	8	9	9	10	10	9	8	7	7	7	7	6	6
26	6	6	5	5	6	6	7	8	7	7	7	8	9	8	8	8	7	7	6	6	7	6	6	7	7
27	6	6	6	6	5	5	5	6	6	6	5	3	2	3	3	3	5	5	5	6	10	11	10	9	6
28	8	7	6	5	4	4	4	4	5	6	6	5	6	5	5	5	6	6	6	7	7	9	8	6	6
29	7	7	7	7	7	6	8	11	11	6	5	5	5	4	4	4	4	5	5	7	5	5	5	7	5
30	7	8	8	7	7	7	6	6	5	5	6	4	4	5	6	5	3	4	3	3	4	3	3	3	5
MEAN	5	5	4	4	4	5	6	7	6	5	5	5	5	5	5	5	5	4	4	4	5	5	5	5	4

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE														UNITS - PARTS/MILLION											
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR														MONTH - OCT 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	4	4	4	3	3	4	5	5	6	5	6	6	6	6	5	3	4	4	5	4	4	5	5
2	3	2	2	1	2	2	3	5	6	4	4	4	5	4	4	4	4	3	3	3	6	7	7	6	4
3	6	5	4	3	4	3	4	6	7	7	9	7	7	6	8	5	4	4	4	4	4	5	6	6	5
4	7	8	7	6	7	6	8	9	9	8	6	7	8	9	6	6	6	7	8	8	6	7	8	7	7
5	7	7	7	6	6	5	5	6	6	4	7	9	6	7	9	7	6	6	6	6	6	6	5	5	6
6	4	4	4	4	4	4	5	9	12	10	7	5	5	5	5	***	***	***	***	***	***	***	***	***	***
7	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	6	4	4	4	3	3	4	4	4	***
8	4	4	4	4	4	4	5	7	7	6	6	6	5	5	4	5	4	4	4	4	3	3	3	3	5
9	3	3	2	2	2	2	3	4	4	4	4	6	7	6	6	5	4	4	4	4	3	3	3	3	4
10	4	4	3	3	3	4	6	10	7	14	12	11	9	6	5	5	5	5	6	7	6	7	7	7	4
11	8	8	7	7	7	7	6	6	6	7	7	7	6	7	7	7	7	7	8	8	8	8	9	9	7
12	8	8	9	8	7	8	8	8	9	9	9	9	10	10	10	10	10	10	10	10	9	9	9	9	9
13	8	7	7	7	7	7	7	7	8	8	8	9	9	9	9	10	10	10	11	10	11	13	12	13	9
14	12	10	10	8	6	6	7	6	7	7	7	7	8	7	7	6	5	5	5	9	7	6	6	6	7
15	5	5	4	4	4	6	7	7	7	7	6	5	6	6	7	7	5	4	3	3	3	3	3	3	5
16	3	2	2	2	2	2	3	4	5	5	3	3	3	3	***	***	***	***	***	***	***	***	***	***	***
17																									
18																									
19																									
20																									
21																									
22																									
23	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	4	4	4	4	4	4	4	4	4	4
24	6	5	5	5	5	5	6	7	5	5	5	5	5	5	5	4	5	5	6	7	7	6	6	6	5
25	3	3	3	3	3	3	3	3	3	2	2	1	1	2	2	2	2	1	2	2	2	2	2	2	2
26	2	2	2	2	2	2	3	3	3	2	2	1	1	1	1	1	1	2	3	3	2	2	2	2	2
27	2	1	1	1	0	0	3	4	4	4	3	2	2	3	3	3	4	4	4	4	4	4	4	4	3
28	4	4	3	3	2	3	3	4	4	4	3	4	***	4	4	5	5	4	4	4	6	6	6	5	4
29	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3
30	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	4	4	4	5	3	3	3	3	3
31	3	3	2	2	2	2	3	3	3	3	3	3	4	3	3	3	4	3	3	3	3	3	3	3	3
MEAN	5	5	4	4	4	4	5	5	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
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3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH - NOV 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	4	4	4	4	4	4	5	6	6	6	5	4	4	4	4	5	5	4	5	4	5	5	5
2	6	5	5	5	5	5	5	5	5	6	6	7	8	6	6	6	6	6	6	7	6	6	6	7	6
3	4	6	7	7	6	6	6	6	6	6	4	4	4	5	5	6	7	6	5	4	4	3	5	6	5
4	4	3	3	3	4	5	5	5	6	6	5	4	5	5	5	5	6	6	7	6	7	5	5	9	5
5	8	6	6	6	6	6	6	6	7	9	8	7	5	6	5	4	5	6	6	6	5	6	7	7	6
6	10	7	5	4	4	3	4	6	6	3	3	3	4	4	4	3	4	5	6	6	4	3	3	3	4
7	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	8	10	10	10	9	4	4	4	7	8	6	7	8	8	7	12	8	6	6	7	8	9	9	6	8
9	5	5	6	7	6	5	5	4	4	4	5	5	5	5	4	5	4	5	4	5	4	4	4	5	5
10	6	5	6	6	6	6	7	7	7	7	6	5	4	3	3	4	4	4	4	3	3	4	6	6	5
11	3	3	3	3	4	6	8	10	8	8	6	5	5	5	5	5	5	6	6	5	5	5	5	5	5
12	5	4	3	3	3	4	5	6	6	6	5	5	5	5	5	4	4	3	3	2	2	1	2	2	4
13	1	1	1	1	1	1	2	2	2	3	3	4	5	3	4	5	5	5	5	5	4	4	4	4	3
14	4	3	3	2	2	2	2	3	4	4	4	4	4	3	4	4	5	4	4	5	4	3	3	2	4
15	3	3	3	3	4	2	2	2	2	2	2	2	2	2	3	3	4	4	4	4	5	4	4	4	3
16	4	5	5	4	4	3	4	4	5	4	5	5	3	2	3	3	4	4	7	7	4	4	4	4	4
17	5	4	4	3	3	4	4	5	6	6	5	5	5	5	5	6	8	7	6	5	5	5	5	6	5
18	7	6	5	5	5	8	6	7	9	10	6	8	9	10	9	7	7	6	6	7	7	7	8	8	7
19	9	6	5	4	4	4	5	5	7	5	5	4	4	4	4	4	6	7	6	5	6	5	5	5	5
20	6	6	5	4	4	5	5	5	3	5	4	4	2	2	2	2	2	2	2	2	2	2	2	2	2
21	3	3	3	3	3	3	3	4	4	5	4	5	4	7	11	10	10	8	8	6	6	7	7	8	7
22	6	6	5	5	5	5	5	5	5	6	7	7	7	7	10	10	10	8	8	6	6	7	7	8	7
23	6	5	5	4	5	5	7	6	8	4	4	4	4	3	4	5	6	3	2	1	1	1	2	2	4
24	1	0	1	0	2	4	5	5	4	3	4	5	5	4	5	3	3	3	2	1	4	0	1	2	3
25	5	5	5	5	4	5	7	5	6	6	6	5	5	4	3	3	7	2	1	1	2	1	1	1	4
26	1	2	2	4	2	3	1	1	2	2	3	5	5	4	4	6	6	3	3	3	3	3	3	3	3
27	3	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	3	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	3	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	3	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	5	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6	5	5	5	5	4	5	5	4

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH - DEC 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10	4	4	4	4	7	8	5	4	5	6	6	6	7	7	7	7	9	7	6	6	6	6	6	6	6
11	4	4	4	4	4	5	6	6	6	5	5	11	8	8	8	8	8	8	8	8	8	8	8	8	8
12	4	4	4	4	4	5	6	6	6	5	5	11	8	8	8	8	8	8	8	8	8	8	8	8	8
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21	8	7	7	7	6	6	6	6	6	5	4	5	6	6	6	7	7	7	7	6	6	5	5	5	4
22	11	10	8	6	3	2	2	4	5	5	3	3	3	3	4	3	3	3	3	3	3	2	2	2	3
23	3	3	4	3	3	2	2	2	2	2	3	2	3	3	4	3	3	3	3	2	2	2	2	2	4
24	3	3	3	3	3	3	4	5	5	5	4	5	5	5	5	5	5	5	5	5	4	4	4	4	4
25	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
26	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
27	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
28	4	5	5	3	3	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	6	7	8	9	7	7	7	10	21	14	9	8	10	10	9	13	15	14	14	14	14	13	13	13	11
30	12	10	9	9	10	10	9	9	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	11
31																									
MEAN	6	6	6	5	5	5	5	5	7	6	4	5	6	6	6	7	7	7	7	7	6	6	6	6	5

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
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3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	3.8	6	9
FEB	25	4.1	6	14
MAR	28	4.3	8	11
APR	23	4.3	7	12
MAY	31	5.5	12	16
JUN	25	5.5	7	16
JUL	29	5.1	10	25
AUG	29	5.1	8	16
SEP	28	4.9	7	12
OCT	21	5.0	9	14
NOV	25	4.7	8	12
DEC	8	5.8	11	21
YEAR	302	4.8	12	25

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 & OVER	TOTAL
JAN	10	329	389	2	0	0	730
FEB	16	217	371	3	1	0	608
MAR	8	211	484	9	0	0	712
APR	21	215	338	13	0	0	587
MAY	11	153	500	67	4	0	735
JUN	0	39	558	33	1	0	631
JUL	24	162	453	42	15	0	696
AUG	7	139	520	28	2	0	696
SEP	1	163	498	32	0	0	694
OCT	16	161	329	46	1	0	553
NOV	25	131	449	23	0	0	628
DEC	0	53	143	31	12	0	239
YEAR	139	1973	5032	329	36	0	7509

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
85.7	0	2.0	3.1	4.0	5.0	6.9	8.0	9.9	11.5	25	4.8



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA

MONTH - JAN 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA

MONTH - FEB 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
12	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
15	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
16	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
17	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
18	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
21	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
23	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
24	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE													UNITS - PARTS/MILLION												
STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA													MONTH - MAR 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1	1	1	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	1	0
5	0	0	0	0	0	0	0	1	1	1	1	1	2	1	1	1	2	1	0	0	0	0	0	0	0
6	0	0	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
7	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	2	2	1	2	3	2	2	1
11	1	1	0	1	1	0	2	7	5	2	1	1	1	0	0	0	0	1	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	1	1	0	0	0	1	0	0	1
13	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	1	1	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	1	1	0	0	0	0	0
16	- DATA INVALID -													- DATA INVALID -											
17	- DATA INVALID -													- DATA INVALID -											
18	0	0	0	0	0	0	0	0	0	0	0	0	2	1	2	2	2	2	2	3	2	1	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	1	1	1	1	2	2	1	1	2	2	1	1	0	0	0	0	1
21	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	1	0	0	0
22	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	3	2	1	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1	0	0	0.4

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE													UNITS - PARTS/MILLION												
STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA													MONTH - APR 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0
2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	1	1	0	0	1	0	1	1	0	1	1	0	1	0	0	0	0	0
11	0	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	3	5	1	2	1
12	0	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	1	0	2	0	0	2	1
13	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	0
14	0	0	0	0	0	1	1	2	1	0	0	0	1	1	1	1	2	1	1	1	2	1	1	1	1
15	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	1	1
16	1	1	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1	1	1	2	5	3	2	1	1
17	0	2	2	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	1	1	0	0	0	1	1	1	0	0	0	0	1	1	0	1	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	3	0
26	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	3	0
27	2	3	3	2	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0
28	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	1	2	1	1	1	0	0	0	0	1
29	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	1	0

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA

MONTH - MAY 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	1	1	2	2	2	1	1	1	1	1	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	1	1	1	1
3	1	1	2	0	0	0	0	2	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	1	1
4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	0	0
7	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	0	0	1
9	0	0	0	0	0	0	1	1	1	1	1	1	2	1	1	1	2	1	2	2	4	1	1	1	1
10	1	0	0	0	0	1	1	1	1	2	1	2	1	1	1	1	1	0	0	1	1	1	1	1	1
11	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0
12	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0
13	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	3	3	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	1	1	1	2	1	1	1	1	2	2	1	1	1	2	1	1	1	1
17	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	0	0	1	1	2	2	1	1	1	1
18	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	1	1	2	2	1	1	1	1
19	1	0	0	1	1	2	2	1	1	1	1	1	1	1	1	1	0	0	1	1	0	0	1	2	1
20	1	1	1	1	0	0	1	1	1	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
21	0	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1
22	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
23	0	0	0	0	0	0	1	1	1	2	1	2	2	2	1	2	2	1	2	2	2	2	1	1	1
24	2	2	1	1	1	2	2	2	2	3	2	2	2	2	1	1	1	2	2	2	4	2	2	2	2
25	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	1	1	0	0	1	0
26	1	0	0	0	0	0	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	1	1	1	1	1
31	0	0	1	0	0	1	1	1	1	1	2	1	2	2	2	2	1	1	1	1	1	1	1	1	1
MEAN	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.8

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA

MONTH - JUN 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
2	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
3	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	0	0	1
4	1	0	0	0	0	1	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	1	1	2	1	1	1	1	0	0	0	1	1	1	0	0	0
6	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	0	0	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	0	1	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	0
10	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0
11	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	0	0	0	0	0	0	1	2	1	0
12	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	2	1	2	1	1
13	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	2	1
14	3	2	1	2	2	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0
15	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
16	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	0	0	0	0	0	1	3	1	1	1	1	2	1	1	1	1	1	1	2	1	2	1	1
20	1	1	1	1	1	1	1	2	0	2	1	1	1	2	1	1	2	1	1	1	3	1	1	1	1
21	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	1	1	0	1	1	0
23	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
24	1	1	1	1	0	0	0	1	2	3	2	1	3	1	2	1	2	1	1	1	2	1	1	1	1
25	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
26	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
27	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	2	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	2	1	1	2	1	1
29	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
30	0	0	0	0	0	0	0	1	1	1	2	1	2	1	1	1	1	1	1	1	2	1	2	2	1
MEAN	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.6

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE												UNITS - PARTS/MILLION													
STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA												MONTH - JUL 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1
2	1	1	1	0	0	1	1	1	1	0	2	2	2	2	2	2	2	1	1	2	1	1	1	1	1
3	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	2	2	1	1	1	1	1	1	1	1
4	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	1	0	1	1
5	1	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	1	2	2	5	1	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0
7	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
8	0	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	0	1	0	1	0	0	0	1
9	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	1
10	0	0	0	0	0	0	1	1	2	1	1	2	2	2	2	1	1	1	1	0	1	1	1	0	1
11	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	5	1	1	0	1
12	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	1	1	1	2	3	1	1
13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	5	0	0	0
14	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	0	1
15	1	1	1	1	1	1	1	3	4	1	1	1	1	2	2	2	2	1	1	1	1	0	1	0	1
16	0	0	0	0	0	0	1	1	2	1	1	1	1	2	2	2	2	1	1	1	1	0	0	0	1
17	0	0	1	1	1	1	1	2	2	0	0	3	2	1	2	2	2	1	1	1	1	0	1	0	1
18	1	1	1	1	0	0	1	1	2	1	1	1	1	2	2	2	2	1	1	2	1	1	1	2	1
19	1	1	1	1	0	0	0	0	1	1	1	1	1	2	2	1	2	1	2	2	2	1	1	1	1
20	1	1	1	0	0	0	0	0	0	0	0	2	0	0	0	1	1	0	0	1	2	1	1	1	1
21	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	2	1
22	1	1	1	0	0	0	1	2	2	2	2	2	2	2	2	2	2	1	1	2	2	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0
24	0	0	0	0	1	0	1	1	1	1	1	1	1	2	1	2	2	1	1	1	1	1	0	0	0
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	2	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1
29																									
30																									
31																									
MEAN	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.8

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE													UNITS - PARTS/MILLION												
STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA													MONTH - AUG 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2													- DATA INVALID -												
3													- DATA INVALID -												
4													- DATA INVALID -												
5													- DATA INVALID -												
6													- DATA INVALID -												
7													- DATA INVALID -												
8													- DATA INVALID -												
9													- DATA INVALID -												
10													- DATA INVALID -												
11													- DATA INVALID -												
12	****	****	****	****	****	****	****	****	****	****	****	****	- DATA INVALID -	****	****	****	****	****	0	0	0	0	0	0	0
13	0	0	0	1	1	1	1	1	****	1	1	1	1	1	1	1	0	0	0	0	1	1	0	0	****
14	0	0	0	0	0	0	1	1	1	1	****	1	1	0	0	1	0	0	0	1	1	1	1	0	1
15	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	5	2	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	3	2
17	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
19	1	1	1	1	1	1	2	2	1	2	2	2	2	1	2	2	1	1	1	2	2	2	1	1	1
20	1	1	1	1	1	1	4	3	2	2	1	2	2	2	2	2	2	1	1	2	2	1	2	1	2
21	1	1	1	1	1	1	1	1	1	2	3	4	3	2	2	4	3	2	2	2	3	3	2	2	2
22	2	1	1	1	1	1	1	2	2	2	2	2	2	2	3	2	2	2	2	2	3	3	2	2	2
23	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2
24	2	2	2	2	2	2	1	1	1	1	1	2	2	1	1	2	2	2	2	2	2	2	2	2	2
25	2	2	1	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	1	2	2	2
26	****	****	2	2	2	2	3	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2
27	1	1	1	1	1	1	1	2	1	1	1	1	2	2	2	2	1	1	1	2	2	1	1	1	1
28	1	2	1	1	1	2	4	2	3	3	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1
29	1	1	1	1	1	2	2	3	2	2	3	4	3	4	5	6	5	4	3	4	4	1	3	1	2
30	1	1	1	1	1	1	2	3	2	2	2	1	2	2	2	2	2	1	1	2	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	2	2	1	2	2	2	2	2	2	2	2	1	1	2	2	1	2	1	1

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA

MONTH - SEP 75

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	1	1	1	1	1	1	1	2	4	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
2	2	1	1	1	1	1	2	***	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
3	1	1	1	1	1	1	1	1	2	***	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
4	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
5	1	1	1	1	1	1	1	3	4	3	2	***	***	1	1	2	2	2	2	3	1	1	1	1	1	
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
8	1	1	1	1	1	2	2	***	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	
9	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
10	2	1	1	1	1	2	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
11	2	1	2	1	1	2	2	2	2	2	2	2	2	2	3	3	3	2	2	1	1	1	1	1	2	
12	2	1	1	1	1	2	2	2	2	2	***	2	2	2	2	2	2	2	2	2	2	1	1	1	1	
13	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	2	2	2	2	1	1	
14	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	
15	1	1	1	1	1	2	6	4	2	2	2	2	2	2	2	***	2	2	2	2	1	1	1	1	2	
16	1	1	1	1	1	2	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
17	2	2	2	1	1	1	5	***	5	3	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
19	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
20	1	1	1	1	1	1	2	1	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	1	2	
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
22	1	1	1	1	1	1	1	2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
23																										
24																										
25																										
26																										
27																										
28																										
29																										
30																										
MEAN	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	1	2	1	1.5	

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA

MONTH - OCT 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	*****
7	1	1	1	1	1	1	3	7	3	2	2	2	2	1	1	2	2	2	2	2	2	1	1	1	2
8	1	1	1	1	1	1	3	3	2	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1
10	1	1	1	1	1	1	2	2	2	2	2	2	***	1	1	1	1	1	1	1	1	1	1	1	1
11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1
12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0
14	1	1	1	1	0	0	1	2	2	1	2	2	2	***	1	1	1	1	1	1	1	1	1	1	1
15	1	0	0	0	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	2	3	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
20	2	1	1	2	1	1	1	1	1	1	1	0	2	1	1	2	1	1	1	1	1	1	1	0	1
21	0	0	0	0	0	1	1	1	***	1	2	2	0	0	0	0	0	0	1	1	1	1	2	2	1
22	1	0	0	1	1	6	12	14	5	4	2	1	1	0	0	0	0	1	1	1	0	0	0	0	2
23	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
24	0	0	0	1	0	0	2	2	1	1	1	1	1	1	1	1	1	0	0	1	0	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	0	0	0	0	1
27	1	1	1	1	0	5	3	4	3	2	2	1	2	2	***	1	1	0	0	0	0	0	0	0	1
28	0	0	1	1	1	0	0	2	1	1	2	1	1	1	1	1	1	2	1	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	1	1	1	1	1	1	2	3	1	1	1	3	2	1	1	0	0	0	0
31	0	0	0	0	0	0	0	1	1	1	1	1	1	2	1	***	2	2	1	1	1	1	1	2	1
MEAN	0	0	0	0	0	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0.8

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE													UNITS - PARTS/MILLION												
STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA													MONTH - NOV 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	2	2	2	2	2	1	2
3	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
4	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	2	2	2	2	2	2	1	2
5	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
6	3	2	2	2	2	3	4	8	6	5	4	4	4	4	4	4	4	4	4	5	4	3	3	4	2
7	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1
9	2	3	4	3	2	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	4	2
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	2	3	2	3	2	3	3	3	2	2	2	2	2	2	2	2	1	2
12	1	1	1	1	1	1	1	3	2	3	2	3	2	2	2	2	2	2	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	5	4	3	2	2	2	2
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
17	2	2	2	3	3	2	2	3	4	3	3	3	4	4	4	4	1	1	1	1	2	2	2	2	2
18	2	2	2	2	2	2	2	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4
19	4	3	3	3	3	4	4	5	11	8	5	4	3	3	3	4	5	5	5	5	5	5	5	5	5
20	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	2	1	1	1	1	1	2	2	2	2	3	3	3	3	3	3	4	3	2	3	3	3	2	2	2
22	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
23	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	2	2	2	2	2	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
25	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
26	2	1	1	1	1	1	1	2	3	3	3	3	4	4	4	4	3	3	3	3	3	3	3	3	3
27	2	2	2	2	1	2	2	2	2	2	2	2	3	3	3	3	3	4	4	3	3	3	3	3	3
28	2	2	2	2	2	2	2	2	2	2	2	2	3	4	4	4	4	4	4	4	4	4	4	4	4
29	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	2	2	2	1	1	1	2	2	2	2	2	2	3	3	2	2	3	2	2	2	2	2	2	2	2

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE													UNITS - PARTS/MILLION												
STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA													MONTH - DEC 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	2	2	1	2	2	2	2	2
2	1	2	1	1	1	1	1	3	2	2	2	2	2	3	2	2	3	3	2	2	1	1	1	1	2
3	1	1	1	1	1	1	1	2	2	4	2	2	2	3	2	2	3	4	3	3	2	2	2	1	2
4	1	1	1	1	1	1	1	2	2	2	2	1	1	1	2	2	2	2	1	1	1	1	1	1	1
5	1	1	1	1	3	2	3	4	3	3	3	3	4	4	4	4	4	4	3	4	3	2	2	1	3
6	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
8	1	1	1	1	1	1	1	2	3	3	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2
9	1	2	1	1	1	1	2	2	3	3	2	4	5	4	4	4	4	3	2	2	2	2	2	1	2
10	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2
11	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	1	1	1	1	1	1	2
12	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	2
13	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1
15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
16	1	1	1	1	1	1	2	2	2	2	3	3	3	3	3	3	3	2	1	1	1	1	1	1	****
17	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2
18	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2
19	2	1	1	1	1	2	2	2	2	3	4	5	6	5	4	4	4	4	2	2	2	2	2	2	2
20	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
22	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
23	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
26	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
27	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
28	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
29	2	2	2	1	1	1	2	2	2	2	3	4	5	6	5	4	4	4	2	2	2	2	1	1	****
30	2	2	2	1	1	1	2	2	2	2	3	4	5	6	5	4	4	4	2	2	2	2	1	1	****
31	****	****	****	****	****	****	****	2	2	****	3	3	3	2	3	3	3	3	1	1	1	1	1	1	2
MEAN	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	1	1	1

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	0.6	1	4
FEB	26	0.5	1	4
MAR	27	0.4	1	7
APR	29	0.4	1	5
MAY	29	0.8	2	4
JUN	30	0.6	1	3
JUL	26	0.8	1	5
AUG	19	1.5	3	6
SEP	20	1.5	2	6
OCT	25	0.8	2	14
NOV	30	2.1	4	11
DEC	17	1.8	3	7
YEAR	307	0.9	4	14

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 & OVER	TOTAL
JAN	604	98	2	0	0	0	704
FEB	586	54	2	0	0	0	642
MAR	626	34	2	0	0	0	662
APR	660	32	2	0	0	0	694
MAY	631	82	4	0	0	0	717
JUN	663	48	0	0	0	0	711
JUL	552	83	4	0	0	0	639
AUG	266	178	14	0	0	0	458
SEP	263	207	9	0	0	0	479
OCT	530	69	6	1	1	0	607
NOV	241	417	57	2	0	0	717
DEC	204	218	27	0	0	0	449
YEAR	5826	1520	129	3	1	0	7479

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
85.4	0	0.0	0.0	0.3	0.8	1.7	2.2	2.9	3.6	14	0.9



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE														UNITS - PARTS/MILLION														
STATION - SW NO 15001														WESTERN FAIR GROUNDS KING/RECTORY, LONDON														
MONTH - JAN 75																												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN			
1	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
2	0	0	0	0	0	0	1	6	7	6	3	1	1	1	1	1	1	2	2	1	1	1	1	1	2			
3	0	0	0	0	0	0	0	1	1	0.0.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
4	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	2	1	2	1	1	1	2	1			
5	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	1	0	0	0	0	1	0	0	0			
6	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.0.0.0	1	1	1	1	1	1	2	2	0			
7	1	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0			
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0			
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	1	1	0			
10	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1			
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0			
12	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	3	1	0	0	0	1	0	0			
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
14	- DATA INVALID -																											
15	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0			
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0.0.0	0.0.0.0	1	1	1	1	0	0	1	0.0.0.0			
17	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0			
18	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1			
19	1	1	1	0	0	0	0	0	0	0	0	1	1	2	1	1	2	4	2	1	1	1	1	1	1			
20	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	2	2	1	2	10	1			
21	4	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1			
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1			
23	2	1	1	0	0	0	1	2	3	2	2	4	4	3	2	1	1	1	1	1	1	2	3	1	1			
24	0	0	0	0	0	0	0	1	2	2	1	1	2	2	2	2	3	3	3	2	2	1	1	1	2			
25	1	0	0	0	0	0	0	0	0	1	1	1	2	3	3	3	4	4	2	2	1	1	1	1	1			
26	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0			
27	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	2	2	3	2	2	2	6	1			
28	2	1	0	0	0	0	1	2	4	3	2	0	1	1	1	1	1	1	1	1	1	0	0	0	1			
29	0	0	0	0	0	0	0	1	1	2	3	2	1	1	1	0.0.0.0	0.0.0.0	1	1	1	1	1	1	1	1			
30	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0			
31	- DATA INVALID -																											
MEAN	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.7			

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE														UNITS - PARTS/MILLION												
STATION - SW NO 15001														WESTERN FAIR GROUNDS KING/RECTORY, LONDON												
MONTH - FEB 75																										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1															- DATA INVALID -											
2															- DATA INVALID -											
3	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	0	0	0	1	1	1	3	10	*****	
4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	0	0	0	0	
5	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	1	1	1	1	2	3	1	1	
6	1	1	0	0	0	0	0	1	1	1	1	1	1	0	0	0	1	1	1	1	1	0	0	1	1	
7	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	
8	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	1	1	1	1	1	1	1	1	
9	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	1	1	1	1	1	1	1	
10	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	
11	2	2																								
12	1	1	2	2	2	2	2	2	3	2	2	2	1	1	1	1	1	2	1	2	1	1	1	1	2	
13															- DATA INVALID -											
14	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	1	1	1	1	1	1	1	1	1	
15	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
17	1	1	1	1	1	1	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	3	2	
18	1	0	0	0	0	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
20	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	
21	1	0	0	0	0	0	0	2	3	1	1	1	1	3	2	2	3	11	6	4	3	3	4	2	2	
22	1	1	0	0	0	0	0	1	1	1	1	1	1	2	2	3	11	6	4	3	3	4	2	3	2	
23	1	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	11	0	0	0	0	0	0	0	0	
24	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	5	4	1	
25	1	0	0	0	0	0	0	1	1	0	0	0	1	1	0	1	1	1	1	0	0	0	0	0	0	
26	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	
27	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1	
28	1	1	0	0	0	0	0	0	1	1	1	1	1	2	3	3	3	2	2	2	2	2	1	1	1	
MEAN	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1	1	1	2	2	2	1	

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

[illegible]

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

[illegible]

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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE														UNITS - PARTS/MILLION											
STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON														MONTH - MAY 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0		3	2	1															
4																									
5																									
6																									
7	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	2	2	2	1
8	2	1	1	1	1	1	3	2	2	1	1	1	1	1	2	2	3	3	3	3	4	4	4	4	2
9	6	5	5	4	3	2	3	3	2	2	2	3	3	3	4	4	4	4	5	5	5	6	7	6	4
10	7	7	6	5	5	5	5	5	5	4	4	4	4	4	5	6	6	6	7	7	7	8	8	7	5
11	4	3	3	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2
12	1	1	1	0	0	1	1	1	2	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1
13	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	3	4	1
14	5	5	4	4	4	4	5	7	5	3	3	2	2	2	2	2	2	2	2	2	2	3	4	1	1
15	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
16																									
17																									
18																									
19																									
20																									
21				1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	4	4	4	3	2	2	2
22	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	3	3	3	4	3	3	3	2
23	3	2	2	2	2	2	2	2	1							1	1	1	1	2	2	3	2	2	2
24	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	3	2	1	2
25	4	3	2	2	1	1	1	0	0	0	0	1	1	1	1	2	2	2	2	2	2	3	4	1	2
26	1	1	1	1	0	0	0	0	1	0	1	0	1	1	1	2	2	2	2	2	2	3	2	1	2
27	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	2	2	2	3	2	1	2
28																									
29	3	3	1	1	0	0	1	1	1	0	0	0	1	1	1	2	2	2	2	2	2	3	3	1	1
30	1	0	0	0	0	0	0	1	1	1	0	0	0	1	1	2	2	2	2	2	2	2	1	1	2
31	4	4	4	4	4	4	5	5	4	4	4	3	3	3	3	3	3	3	3	4	3	4	4	2	4
MEAN	2	2	2	1	1	1	2	2	2	1	1	1	2	2	2	2	2	2	2	3	3	3	3	2	2

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POLLUTANT - CARBON MONOXIDE														UNITS - PARTS/MILLION											
STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON														MONTH - JUN 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	2	2	2	1	1	1
2	1	1	1	1	1	1	2	2	1	1	1	2	2	2	3	4	4	3	2	2	2	4	3	2	
3	2	2	2	1	1	1	1	2	2	2	2	2	2	2	1	1	2	1	0	0	0	1	1	1	
4	0	0	0	0	0	0	1	2	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8																									
9																									
10																									
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26																									
27																									
28																									
29																									
30																									
MEAN	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	1	

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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON

MONTH - JUL 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	1	1	1	1	1	1	0	0	1	1	1	2	2	3	3	3	3	4	4	****	****	****	2
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6	****	****	****	****	****	****	****	****	****	****	****	2	2	3	****	1	1	1	0	0	0	1	1	0	****
7	0	****	****	****	****	****	****	****	****	****	****	0	0	0	0	1	1	1	1	1	1	0	0	0	****
8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	1	2	2	2	2	2	1	****
9	1	0	0	****	****	****	****	****	****	****	****	****	****	****	0	1	1	1	1	1	0	0	0	0	****
10																									
11	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	1	1	1	1	0	0	****
16	0	0	1	1	1	1	2	2	1	1	1	1	2	2	3	3	3	3	3	3	3	4	3	3	2
17	1	1	2	2	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	2
18	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
19	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
20	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
21	1	1	1	1	1	1	1	1	1	****	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
22	1	1	0	0	0	1	2	1	1	0	0	0	****	****	0	1	1	1	1	1	1	1	1	1	****
23	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	3	3	3	3	3	3	2	2	****
24	2	2	1	1	1	1	1	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
25												- DATA INVALID -													
26	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	2	2	1	1	1	1
27	1	1	0	0	0	0	0	0	0	0	0	0	****	****	1	1	1	1	2	2	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	****	1	1	1	1	2	2	3	3	3	3	3	4	3	3	3
29	3	4	4	3	3	2	2	2	1	1	1	2	2	2	3	3	3	3	3	3	3	3	3	3	3
30	2	2	2	2	1	2	3	3	1	1	2	2	3	3	4	2	2	0	0	1	1	1	1	0	2
31	****	****	****	****	****	****	****	****	****	****	****	1	1	2	2	3	3	4	4	4	5	5	6	5	****
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1.5

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POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON

MONTH - AUG 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	5	4	3	2	2	3	4	3	2	2	****	****	****	****	****	1	2	2	2	3	2	2	2	3
2	2	1	1	1	1	1	1	1	****	****	****	****	0	1	1	1	1	1	****	1	1	1	0	0	1
3												- DATA INVALID -													
4												- DATA INVALID -													
5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	0	0	****
6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	1	****
7	1	1	1	0	0	0	1	0	0	0	1	1	1	1	2	****	1	1	1	1	2	1	1	1	1
8	1	1	0	0	0	1	2	4	2	0	0	1	1	1	1	1	2	2	2	2	2	2	2	2	2
9	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	3	2
10	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	2
11	1	1	1	1	1	1	2	2	2	0	1	1	2	1	3	2	2	2	2	2	2	1	1	1	2
12	1	1	1	0	0	1	2	1	0	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1
13	1	1	1	1	1	1	2	2	1	1	1	1	1	3	3	4	3	2	1	1	2	2	3	3	2
14	1	1	1	1	1	1	2	1	1	1	1	2	3	3	2	2	2	1	1	1	2	2	2	2	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	5	6	2
16	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	2
17	5	3	3	3	3	3	3	3	2	****	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1
18	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	0	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	2	1	1	1	3	3	3	2	2	3	3	3	2	3	3	3	3	2
22	3	3	3	2	2	2	3	3	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	1	2	1	0	0	0	****	****	2	2	3	3	3	3	3	3	4	3	3	3
26	3	2	2	2	2	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3
27	3	3	3	3	3	4	4	3	2	2	2	2	2	****	1	1	1	1	2	2	3	3	4	3	3
28	3	2	2	2	2	3	4	4	****	****	0	0	1	1	2	2	2	2	2	2	1	1	1	1	2
29	1	0	0	0	0	1	2	2	2	1	1	2	2	2	2	3	3	3	3	2	2	2	0	0	0
30	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1.4

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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE															UNITS - PARTS/MILLION										
STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON															MONTH - SEP 75										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0	1	1	1	1	1	1	1
2	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	2	1	1	1	1	3	5	2	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
5	3	3	2	2	3	3	5	8	5	2	1	2	2	2	2	2	2	2	4	4	4	4	4	3	2
6	1	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	4	6	6	2	1	1	3
7	5	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	6	6	6	6	7	5	3
8	2	2	2	2	2	2	3	3	4	4	4	4	4	4	4	4	5	5	2	2	2	2	2	2	2
9	3	3	3	3	3	5	6	4	4	4	4	4	4	4	4	5	5	5	4	4	4	4	4	4	4
10	5	4	4	4	4	5	6	5	4	4	4	4	4	4	5	5	5	5	5	5	5	12	9	5	5
11	4	4	4	4	4	4	5	4	4	4	4	4	4	4	5	5	4	4	4	4	4	4	4	4	4
12	3	3	3	3	3	4	4	4	4	4	4	3	3	4	4	5	5	5	7	5	4	4	7	5	4
13	4	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	5	4	5	6	10	9	4	4
14	6	6	4	4	4	4	4	4	3	3	3	4	4	3	4	4	4	4	6	5	6	10	9	4	4
15	7	6	4	4	4	4	7	7	10	11	7	4	4	4	4	5	5	5	5	7	13	11	7	5	5
16	6	5	5	5	5	6	9	7	6	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5
17	3	3	3	2	2	3	6	8	4	2	2	1	2	2	2	2	2	2	3	2	2	2	2	2	4
18	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
19	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
22	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	0	1	1	4	2	1	1	1	1	1	1	1	1	1	2	2	1	1	2	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	1	2	1	1	0	0	1	1	1	1
27	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
28	1	9	5	5	6	6	6	5	1	0	0	0	0	0	0	0	0	0	1	4	6	9	9	14	9
29	3	1	1	0	1	1	6	11	5	0	0	0	0	0	1	1	1	1	1	3	4	7	7	6	2
30	1	1	0	0	0	2	3	3	1	1	1	1	1	1	1	1	0	0	2	4	2	1	2	2	3
MEAN	3	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	3	3	3	4	3	3	2

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE															UNITS - PARTS/MILLION												
STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON															MONTH - OCT 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	0	0	0	0	1	1	3	2	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1		
2	0	0	0	0	1	2	3	2	1	0	1	1	0	1	2	1	1	1	1	2	4	5	2	1	2		
3	1	1	1	1	1	2	3	0	0	0	3	3	1	1	2	1	1	1	1	2	4	5	3	3	2		
4	3	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2	2	3	4	3	4	5	3	3	2		
5	4	2	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	3	5	8	4	1		
6	1	1	1	1	1	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
7	1	1	1	1	1	2	4	2	0	1	0	0	0	0	1	1	1	2	2	1	1	1	2	2	1		
8	1	0	0	0	0	3	5	4	2	2	2	1	1	1	1	1	1	2	2	1	1	3	0	2	1		
9	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0		
10	0	0	0	0	1	2	2	2	2	2	2	1	1	1	2	2	2	2	1	1	1	4	1	1	1		
11	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	2	1	1	2	2	0	1		
12	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	3	3	2	2	3	2	0		
13	3	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	2	4	4	2	2	3	4	3	1		
14	2	2	2	2	2	3	6	5	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	0		
15	0	0	0	0	0	1	2	2	1	0	1	1	1	1	1	2	2	1	1	1	1	1	1	1	0		
16	0	0	0	0	0	0	1	2	1	0	1	1	1	1	1	2	1	1	2	1	1	0	0	0	0		
17	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1		
18	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	1		
19	3	3	2	2	2	2	2	3	3	3	3	3	3	3	4	2	2	2	2	2	2	3	3	3	2		
20	3	3	2	2	2	2	2	3	3	3	3	3	3	3	4	2	2	2	2	2	2	3	3	3	2		
- DATA INVALID -																											
21	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	3	3	2	2	2	1	1	1		
22	1	1	1	1	1	3	8	10	7	4	1	1	1	1	1	2	2	3	3	2	2	2	1	1	1		
23	2	2	2	2	2	3	5	5	3	2	2	2	2	2	3	4	4	4	3	3	3	4	3	2	1		
24	1	1	2	2	2	6	6	11	4	2	2	2	1	2	1	2	3	2	2	1	1	2	3	0	1		
25	1	1	0	1	1	1	2	2	2	2	2	2	3	3	3	2	3	2	4	3	3	4	6	1	1		
26	2	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	2	4	3	3	3	4	4	1		
27	5	3	2	2	2	2	3	5	8	1	1	1	1	1	2	2	2	4	3	3	3	5	4	4	1		
28	2	2	1	1	2	3	7	8	3	2	0	0	3	3	3	3	3	3	3	3	3	2	1	1	1		
29	0	0	0	0	0	1	1	1	1	1	0	0	0	1	0	1	0	1	1	1	1	1	1	1	0		
30	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	1	2	3	3	5	3	1	1	1		
31	1	1	1	1	0	1	3	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	2	1		
MEAN	1	1	1	1	1	2	3	3	2	1	1	1	1	1	2	2	2	2	2	2	2	3	2	1	1		

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE															UNITS - PARTS/MILLION										
STATION - SW NO 15001															MONTH - NOV 75										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	4	2	2	2	7	3	2
2	2	2	2	2	1	1	1	1	2	1	2	2	1	2	1	2	2	2	2	2	2	2	2	2	2
3	1	1	1	1	2	2	4	5	***	1	1	1	1	2	2	2	2	1	2	1	1	1	4	0	2
4	0	0	0	0	0	0	1	1	1	0	1	1	1	1	1	2	4	2	2	1	2	2	2	2	1
5	1	1	1	1	1	2	4	3	1	0	1	1	1	1	2	3	2	2	3	2	3	3	3	2	2
6	1	0	0	0	0	0	0	3	4	3	2	2	2	2	2	2	3	2	2	1	1	2	2	2	2
7	2	1	1	1	1	2	3	2	2	2	2	3	2	2	3	4	3	3	4	3	3	3	7	2	2
8	2	2	2	2	2	2	2	2	2	3	2	2	2	3	4	4	4	7	12	8	10	8	11	3	4
9	3	3	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	3	3	2
10	2	2	2	2	2	2	3	3	***	***	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	2	2	1	1	1	1	2	2	2	3	3	4	3	2	2	2	2	2
12	1	1	1	1	1	1	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	1	1	1	1	1	1	1	2	3	2	2	2	2	2	2	1	***	2	2	2	2	2	2	2	2
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
15	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	1	3	3	3	3	3	3	3	3	3
16	3	3	2	2	2	2	2	2	2	2	1	1	2	2	2	***	2	2	2	2	2	2	2	2	2
17	2	2	2	2	2	2	4	5	6	4	4	3	3	4	***	2	2	2	2	2	2	2	2	2	2
18	1	1	1	0	1	1	2	3	***	5	3	1	1	1	1	1	4	4	4	4	4	4	2	3	3
19	2	2	1	1	2	2	3	***	***	***	3	2	2	2	2	4	5	7	7	4	4	4	3	3	3
20	3	3	3	3	3	2	3	5	9	3	1	1	1	1	0	1	1	1	0	0	0	0	0	0	2
21	0	0	0	0	0	0	0	1	1	1	2	2	2	2	2	2	3	3	2	2	2	2	1	1	1
22	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	1	2	2	2	3	3	3	7	3	***
24	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	***	***	1	2	3	3	3	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
26	1	1	1	1	1	1	2	3	3	3	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
27	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
28	1	1	1	1	1	1	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
30	2	2	2	1	1	1	2	1	2	1	1	1	1	1	1	1	2	2	1	1	1	1	0	0	0
MEAN	1	1	1	1	1	1	2	2	3	2	2	2	2	2	2	2	3	2	3	2	2	2	3	2	2 0

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE															UNITS - PARTS/MILLION										
STATION - SW NO 15001															MONTH - DEC 75										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	***	***	***	***	***	***	***	***	***	***	***	3	3	***	***	1	4	2	3	2	2	2	5	1	***
2	1	1	0	0	0	1	1	3	4	2	2	2	2	2	2	2	5	3	2	2	2	2	2	2	2
3	1	1	2	2	1	1	1	3	4	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2
4	1	1	1	1	1	1	1	2	2	1	2	2	2	2	2	2	2	2	2	2	1	2	2	3	2
5	2	2	2	2	2	3	4	4	3	3	3	3	4	4	4	5	5	5	5	4	4	4	4	4	4
6	4	5	4	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2
7	2	3	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	2	2	2	2	2	2	2	2	2	1	***	1	2	3	3	2	3	2	3	5	4	3	4	4	4
9	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	4	4	5	5	5	6	5	5
10	4	4	4	4	4	4	4	5	4	4	4	4	4	4	5	6	8	6	6	5	5	5	5	5	5
11	5	5	4	***	4	4	5	7	8	6	***	***	***	***	1	2	4	4	4	4	3	3	3	3	4
12	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	3	4	3	2	2	2	2	2	2	2
13	2	2	1	2	1	1	2	2	2	2	2	3	3	3	3	2	10	3	2	2	2	2	2	2	2
14	1	2	1	0	0	0	0	1	1	1	1	1	1	1	1	***	2	1	1	1	1	1	1	1	1
15	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2
16	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
17	1	1	1	1	1	1	1	2	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	0	0	0	0	1	2	1	1	1	1	1	1	1	1	3	4	3	3	2	2	2	2	2
19	0	0	0	0	0	0	2	3	3	3	3	4	4	3	3	0	3	4	3	3	2	2	2	2	2
20	3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	0	***	***	***	***	***	***	***	***	***
21	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	0	0	1	1	1	1	1	2	3	3
22	3	1	3	1	1	1	2	4	2	***	3	3	3	4	4	4	6	6	4	4	4	4	3	3	3
23	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	3	4	4	3	3
24	2	2	2	2	2	2	2	3	4	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	1	2	2	2	2	2	2	2
26	1	1	1	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
27	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
28	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
29	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
30	2	2	1	1	1	1	2	1	2	1	1	1	1	1	1	1	2	2	1	1	1	1	0	0	0
31	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	2	2	2	1	2	2	2	3	3	2	2	2	2	2	2	2	3	3	2	2	2	2	3	2	2

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	0.7	2	10
FEB	22	1.0	3	11
MAR	26	0.9	3	10
APR	21	0.6	2	7
MAY	22	2.0	6	8
JUN	18	1.7	3	8
JUL	12	1.5	3	6
AUG	27	1.4	3	6
SEP	30	2.4	5	14
OCT	29	1.7	3	11
NOV	24	2.0	4	12
DEC	25	2.1	5	10
YEAR	282	1.5	6	14

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 & OVER	TOTAL
JAN	564	69	11	1	0	0	645
FEB	423	115	10	3	0	0	551
MAR	544	88	15	4	0	0	651
APR	450	58	4	0	0	0	512
MAY	284	157	106	0	0	0	547
JUN	269	174	44	0	0	0	487
JUL	218	140	14	0	0	0	372
AUG	396	232	19	0	0	0	647
SEP	316	182	198	15	1	0	712
OCT	375	259	52	4	0	0	690
NOV	229	329	42	5	0	0	605
DEC	208	323	92	1	0	0	624
YEAR	4276	2126	607	33	1	0	7043

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
80.4	0	0.0	0.1	0.7	1.4	2.9	3.8	5.2	6.5	14	1.5



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - WC NO 29025

BARTON/WENTWORTH HAMILTON

MONTH - JAN 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
2	0	0	0	0	0	0	1	2	2	1	1	1	1	1	2	2	5	3	2	3	2	2	2	1	1
3	2	1	0	0	0	0	0	2	5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	2	2	1
5	0	0	1	0	0	0	0	1	5	5	3	***	2	1	2	3	6	3	1	1	0	1	1	1	2
6	2	1	1	0	0	1	5	1	1	1	1	1	1	1	1	1	3	2	3	2	2	2	3	2	1
7	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	3	2	1	2	1	3	1	1	2
8	2	1	1	2	2	1	3	7	5	5	4	3	1	2	2	3	4	1	2	1	1	3	1	1	2
9	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	3	2	1	2	2	1	1	2	1
10	1	1	0	0	0	0	2	5	5	3	2	3	3	2	3	5	7	4	5	8	9	8	4	1	3
11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0
12	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	0	1	1	0	0	1	1	1	1	***	2	2	2	2	2	2	3	2	2	2	1	1	1	1	1
14	1	1	1	1	1	1	1	2	2	1	2	1	1	1	2	2	2	2	2	1	1	1	2	1	1
15	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	2	3	2	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1
17	1	1	1	1	1	1	2	2	2	1	1	1	2	2	2	3	6	3	2	2	2	1	3	2	2
18	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1
19	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	5	5	3	2	2	2	2	3	3	2
21	2	2	2	1	1	1	2	2	2	1	1	1	1	***	2	2	3	2	1	1	1	1	1	1	1
22	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	3	1
23	2	1	1	1	1	1	1	4	4	2	1	1	1	1	1	1	1	2	1	1	0	1	1	1	1
24	1	0	0	0	0	0	1	2	3	2	1	1	1	1	2	3	6	3	3	1	3	0	0	0	2
25	2	2	2	2	1	1	1	5	6	5	2	5	2	0	1	1	1	1	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1
27	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	2	3	2	1	1	2	2	5	4	3
28	1	1	0	0	0	1	5	6	7	5	1	2	1	1	0	3	6	3	3	3	0	0	0	0	1
29	1	1	0	1	1	1	2	3	3	4	3	2	1	1	0	1	1	1	1	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	0	0	0	0	0	0	0	1
31	1	1	1	1	1	1	3	4	3	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
MEAN	1	1	1	1	0	1	1	2	2	2	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1.3

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - WC NO 29025

BARTON/WENTWORTH HAMILTON

MONTH - FEB 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	0	1	0	0	0	0	0
2	1	0	0	0	0	0	1	1	1	1	1	0	0	0	0	1	0	1	1	1	1	1	1	1	1
3	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	1	0	0	0	0	0	1	2	2	1	1	1	1	2	2	2	2	1	1	1	1	6	2	1	1
5	1	0	0	0	0	0	1	1	2	1	1	1	3	2	2	2	3	1	1	1	1	1	1	1	1
6	1	1	1	0	0	0	1	1	2	2	2	2	2	2	1	2	2	2	1	1	1	1	1	1	1
7	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	2	3	1	1	1	1	1
8	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	0	0	0	0	0	1	1	2	1	1	1	1	1	2	4	4	3	1	1	1	2	2	1	1
11	2	1	1	1	1	1	1	1	1	***	1	1	1	0	0	1	1	1	1	0	0	1	1	1	1
12	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	3	5	3	1	1	1	0	0	0	1
13	0	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	2	1	1	1	0	0	0	0	1
14	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	3	3	3	2	1	1	1	1	1	1
15	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	1	1	0	0	1	1	1	1	1	1	1	1	4	2	2	4	1	0	0	0	1
17	0	0	0	0	0	0	1	1	2	2	***	1	1	1	1	3	4	3	3	3	1	2	3	1	1
18	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
19	1	0	0	0	0	0	2	3	2	1	1	1	1	1	1	1	2	1	1	1	0	0	1	1	1
20	1	0	0	0	0	0	2	3	2	1	1	1	1	1	1	1	2	1	1	1	0	0	1	1	1
21	1	1	0	0	0	0	1	3	2	1	1	1	1	1	1	1	2	2	2	2	2	2	1	2	1
22	1	1	0	0	0	0	1	6	2	1	1	1	1	1	1	1	1	1	1	1	0	1	1	2	1
23	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
24	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	3	4	3	2	2	1	1	1	1	1
25	1	1	1	1	1	2	2	2	2	1	1	1	1	2	1	2	2	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	0	0	0	0	0	0	1
27	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1	1	1	2	1	1	1	1
28	1	1	1	0	0	1	2	3	2	1	1	1	1	1	2	2	3	2	1	1	1	1	1	1	1
MEAN	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	0.9

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - CARBON MONOXIDE											UNITS - PARTS/MILLION													
	STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON											MONTH - MAR 75													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
3	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	1	1	1	1	0	0	1	1	0
4	1	0	0	0	0	0	0	1	2	2	1	1	1	0	1	2	2	1	1	1	1	0	4	2	1
5	1	0	0	0	0	0	2	2	2	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1
6	1	0	0	0	0	0	1	1	1	1	0	1	0	1	2	2	2	2	2	2	2	1	1	1	1
7	1	2	1	1	1	1	2	3	2	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
8	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	2	2	3	1	0	1	0	1	2	1
11	1	1	1	0	0	0	1	1	1	1	2	1	2	3	1	3	6	2	3	5	2	1	4	2	2
12	2	0	1	1	1	1	4	7	6	4	2	1	1	1	1	1	2	1	0	0	0	0	0	1	2
13	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	1	0	1	0	0	1	1	1	1	1	1	2	1	2	1	1	1	1	1
15	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	3	1	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	4	6	3	6	2
18	1	1	0	0	0	1	4	5	5	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1
19	1	0	0	0	0	1	3	3	4	2	2	1	1	1	1	2	5	5	3	2	3	1	2	1	2
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
21	1	0	0	0	0	0	0	0	1	1	1	1	1	1	3	2	2	1	0	1	1	1	1	1	1
22	1	0	1	0	0	1	1	1	1	1	1	2	2	5	2	1	0	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	1	1	0	0	0	0	0	1	2	1	1	2	1	1	0	0	0	1	0
25	2	1	1	1	1	1	3	3	2	1	1	1	1	2	2	2	2	2	1	1	1	1	2	3	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2
27	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	4	3	3	2	1	1	1	1	2
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	0	1	1	1	1	1	1
MEAN	1	1	0	0	0	1	1	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - CARBON MONOXIDE											UNITS - PARTS/MILLION														24	MEAN
	STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON											MONTH - APR 75															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23				
1	1	0	0	0	0	0	1	0	1	****	1	1	1	1	2	2	1	1	1	1	1	3	1	1			
2	1	1	1	0	1	1	1	1	2	1	1	1	1	3	3	2	3	1	1	0	0	1	0	0			
3	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0			
4	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0			
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	0			
9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	2	2	0	0	0	0	0			
10	0	0	0	0	0	0	0	1	1	1	2	2	1	0	0	1	1	1	0	0	0	0	0	0			
11	1	1	0	0	0	0	2	1	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0			
12	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0			
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0			
14	1	0	0	0	0	1	2	2	2	0	0	1	1	1	1	2	3	2	1	2	1	0	0	1			
15	1	1	0	0	0	0	0	0	1	2	2	2	1	1	1	1	1	1	0	0	1	1	1	1			
16	1	0	0	0	0	0	1	2	1	1	1	1	0	0	0	0	0	0	3	2	1	1	5	4			
17	5	1	0	0	0	0	2	2	1	0	1	1	2	2	2	1	1	1	1	1	1	1	1	1			
18	1	0	0	0	0	0	3	3	2	1	1	1	1	1	1	2	2	1	1	1	1	2	1	1			
19	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
20	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
22	2	1	1	1	1	2	2	3	2	1	1	1	1	1	1	2	2	2	2	3	2	1	2	1			
23	2	1	1	1	1	2	7	4	2	2	2	5	0	0	0	0	0	0	1	1	1	3	2	2			
24	0	0	0	0	0	0	1	1	2	2	3	3	2	2	2	2	2	2	2	3	2	2	2	2			
25	2	2	2	2	2	2	2	2	2	2	3	3	3	3	4	5	6	6	6	5	4	4	5	3			
26	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2			
27	2	2	2	2	2	2	2	2	2	1	2	1	1	2	1	1	1	1	5	2	1	1	2	2			
28	2	1	1	1	2	2	2	2	3	4	4	3	2	2	2	4	4	4	3	3	2	2	2	2			
29	1	1	1	1	2	2	4	3	4	3	6	6	3	2	2	4	3	2	2	1	1	2	3	2			
30	2	2	1	1	2	3	3	3	3	2	2	4	3	2	2	2	2	2	2	2	2	1	1	2			
MEAN	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1			

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH - MAY 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	2	3	6	5	6	6	2	2	6	3	4	6	7	7	1	2	4	1	5	3	4
2	2	1	1	0	0	2	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
3	1	0	0	0	0	2	2	1	0	1	1	1	3	3	2	2	3	4	3	5	2	1	2	1	2
4	1	2	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
5	0	0	1	1	1	2	1	1	1	2	4	3	4	4	5	5	1	2	5	4	3	1	1	1	2
6	2	1	1	3	2	3	7	2	1	1	1	1	1	1	1	2	2	1	1	2	3	3	3	3	2
7	1	1	1	1	1	8	1	1	1	2	2	2	2	2	2	2	2	1	2	3	3	3	4	2	3
8	1	1	0	0	1	3	4	3	1	2	4	3	2	2	3	4	3	3	4	3	3	4	5	7	3
9	4	4	4	2	3	5	7	1	1	1	3	4	3	3	3	3	3	2	1	1	1	1	1	1	3
10	5	2	1	0	1	1	1	1	0	2	1	2	2	2	1	1	0	0	0	1	3	3	2	3	1
11	2	1	1	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	1	1	2	2	2	2	1
12	0	0	0	0	0	4	4	4	3	2	1	1	1	0	0	3	3	2	3	2	1	1	1	1	2
13	0	0	0	0	0	0	1	2	0	1	0	0	1	1	0	3	2	1	0	1	1	1	1	0	1
14	1	1	1	0	0	2	3	2	2	1	2	1	1	1	1	2	1	1	1	1	1	0	1	1	3
15	0	0	0	0	0	9	12	6	6	1	5	7	8	6	5	5	6	2	1	4	3	2	3	3	1
16	0	0	0	0	0	1	1	1	2	1	1	1	1	1	1	3	2	2	1	2	4	4	3	4	4
17	1	1	1	1	1	3	7	6	6	4	8	7	4	3	4	8	4	4	3	0	0	1	0	0	1
18	1	1	1	1	2	1	1	1	1	1	0	0	0	0	0	0	0	0	1	4	3	2	2	1	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	1	1	3	2	2	1	2
20	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	2	2	2	1	3	2	2	2	1	2
21	1	1	1	1	5	5	5	5	2	3	2	2	2	2	3	3	3	2	1	1	2	3	2	3	3
22	2	1	1	1	1	2	4	3	2	2	2	2	2	3	4	5	4	4	3	5	4	2	4	3	3
23	3	2	2	2	2	7	9	6	4	5	4	5	4	3	2	4	5	5	3	2	1	2	4	4	4
24	3	2	1	1	2	2	2	2	2	2	2	2	2	2	2	3	2	1	2	3	3	2	3	3	2
25	2	2	1	1	2	1	2	1	2	3	3	4	3	4	4	4	4	4	1	1	4	3	2	1	2
26	1	1	1	1	0	1	1	2	1	1	1	1	1	1	1	2	1	1	1	1	2	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	2	2	2	1	2	1	2	2	2	2	1	1	1	1	1	1	3	2	3	2
29	3	2	2	2	2	3	6	6	5	4	4	3	3	4	4	5	4	3	3	2	1	1	1	1	3
30	2	1	2	2	1	3	2	2	2	2	2	2	2	2	3	5	2	1	2	2	2	2	1	1	2
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	1 9

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH - JUN 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	1	0
2	0	0	0	1	1	2	3	3	2	1	1	1	1	1	2	3	2	2	2	1	2	2	2	1	2
3	1	1	1	1	1	4	5	4	3	2	1	1	3	3	4	5	3	2	2	2	3	3	4	3	3
4	2	1	1	1	1	3	3	2	2	1	1	2	2	2	2	3	2	2	2	2	2	2	2	1	2
5	1	1	1	0	0	3	1	1	1	4	4	1	1	5	5	2	1	4	3	3	1	1	1	2	2
6	1	1	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1
9	0	0	0	0	1	2	2	1	3	3	3	3	3	3	2	3	2	3	3	3	3	1	2	2	2
10	2	2	2	2	2	5	3	4	4	5	4	3	2	2	3	3	4	3	3	3	2	2	2	2	3
11	2	2	2	2	2	4	4	4	3	4	3	3	3	4	4	3	2	4	3	3	2	3	1	1	3
12	1	0	0	0	0	1	2	2	1	1	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1
13	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	2	2	1	2	3	3	2	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	0	0	0	0	1	1	1	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1
16	0	0	0	0	0	1	1	1	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2
17	1	1	1	1	1	3	3	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2
18	1	0	0	0	0	1	1	1	2	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	4	6	5	5	2	1	1	1	1	1	1	1	0	1	1	1	1	1	1	2
20	1	1	1	1	1	2	2	1	1	1	1	2	3	2	1	3	3	3	3	4	5	2	2	2	2
21	4	2	3	2	2	3	2	2	1	2	3	2	3	1	2	1	2	2	1	2	2	3	1	1	2
22	1	3	2	2	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1	1	1	1	1	0	1
23	0	0	0	0	0	1	1	1	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	1
24	2	1	1	1	1	2	3	4	3	2	1	2	3	3	3	3	2	3	2	2	1	1	1	1	2
25	1	1	1	1	1	2	1	1	2	1	1	1	1	1	1	1	2	2	2	3	2	2	2	2	1
26	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	1	1	1	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	0	0	0	1
29	3	3	1	0	0	0	0	0	0	0	0	0	2	1	1	1	1	1	1	1	1	1	1	1	1
30	0	0	0	0	0	0	0	0	1	0	0	0	1	1	2	2	2	3	3	2	3	1	1	3	2
MEAN	1	1	1	1	1	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	1	2	1	1 5

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - CARBON MONOXIDE											UNITS - PARTS/MILLION															
	STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON											MONTH - JUL 75															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	1	1	1	1	1	1	2	2	1	1	1	0	0	2	1	1	1	2	1	2	1	1	0	1	1		
2	0	0	0	0	0	1	2	2	2	2	2	1	2	1	2	2	1	1	2	1	2	2	1	0	1		
3	1	1	1	1	1	3	3	2	1	1	1	1	2	2	2	2	1	1	1	3	1	2	1	1	1		
4	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	1	1	1		
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1		
6	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
7	1	1	1	0	0	4	3	1	1	1	1	1	2	1	1	1	1	1	1	1	2	1	1	1	1		
8	2	1	1	1	0	2	3	3	1	1	1	1	2	2	2	2	2	1	1	2	2	2	3	2	2		
9	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	0	1		
10	1	0	0	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	3	3	1	1		
11	0	0	0	0	0	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2		
12	3	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	1	1	1	1	1	2	1	1	1		
13	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	2	2	1	1	1		
14	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1		
15	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	1		
16	1	1	1	1	1	3	2	3	***	1	1	1	1	1	1	2	2	2	2	3	3	3	2	2	2		
17	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
18	1	1	1	0	1	1	2	1	1	2	2	2	1	1	1	3	2	1	1	2	1	1	2	2	1		
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	0	0	0	0	1		
20	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1	1	1	1	1	0	0	0		
21	0	0	0	0	0	1	1	1	1	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1		
22	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1		
23	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	0	1	2	2	1	1	1	1		
24	1	1	0	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
25	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1		
26	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	1	1	1	2	2	2	1	1	1		
27	1	1	1	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	1	1	2	1	1	1	1		
28	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
29	1	0	0	0	0	1	2	2	2	1	1	2	1	1	1	3	1	1	1	1	1	1	1	1	1		
30	1	0	0	0	0	2	2	2	1	1	1	1	1	1	2	2	2	2	3	2	2	2	2	2	1		
31	2	1	1	1	1	2	2	2	1	1	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1		
MEAN	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	1	1	1	2	2	1	1	1	1		

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - CARBON MONOXIDE											UNITS - PARTS/MILLION													
	STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON											MONTH - AUG 75													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2
2	2	2	2	1	1	2	2	2	2	1	2	1	1	1	2	2	1	2	2	2	2	2	2	2	2
3	2	1	1	1	1	1	2	1	2	3	1	1	2	3	3	2	2	2	2	1	2	2	2	2	2
4	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
5	2	2	2	2	1	2	3	3	2	1	1	1	2	1	2	1	1	1	1	1	1	0	0	0	0
6	1	0	0	1	1	1	1	1	1	1	2	1	2	2	3	3	3	2	2	2	4	4	2	2	2
7	1	1	1	1	1	4	3	2	1	2	2	2	***	2	3	3	3	2	2	1	2	1	1	2	2
8	1	1	1	1	1	2	4	3	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
9	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1
11	0	0	0	0	1	2	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	2	3	3	2
12	3	3	2	2	3	5	4	4	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3
13	1	1	1	1	1	3	3	3	***	2	2	2	2	2	2	2	1	1	1	2	1	1	1	1	1
14	1	1	1	1	1	2	3	3	2	1	1	1	1	1	1	2	1	1	1	2	1	1	1	1	1
15	2	1	1	1	1	2	3	3	3	3	3	4	4	4	4	4	3	2	2	2	2	1	1	1	2
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	2
17	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	2	1	2	1	1	1
18	0	0	1	1	1	2	2	2	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1
19	1	0	0	0	0	1	3	2	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1
20	0	0	0	0	0	1	2	2	2	***	***	1	1	1	1	1	1	1	0	0	0	0	0	0	1
21	0	0	0	0	0	3	4	5	1	2	2	2	2	1	1	2	1	0	1	1	1	0	0	0	1
22	0	0	0	0	0	1	1	0	***	1	1	1	1	1	2	3	3	3	4	5	4	3	5	6	2
23	4	6	3	2	2	3	3	4	2	1	1	1	1	2	2	3	2	2	2	2	2	2	2	2	2
24	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	2	2	5	3	1	1
25	1	0	0	0	1	1	2	1	1	1	1	1	1	0	1	1	0	0	0	0	1	0	1	1	1
26	0	0	0	0	0	1	2	2	2	1	1	1	1	3	3	4	3	1	1	2	2	1	2	1	1
27	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
28	2	1	0	0	0	6	8	6	2	2	2	2	3	***	4	4	1	2	2	1	3	2	2	2	2
29	1	2	1	1	1	5	2	2	3	4	4	3	3	2	4	2	5	1	4	2	1	2	0	0	1
30	0	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	1
31	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	1	1	1	1	0	1
MEAN	1	1	1	1	1	2	2	2	2	1	1	1	1	1	2	2	1	1	1	2	2	1	2	1	1



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - WC NO 29025

BARTON/WENTWORTH HAMILTON

MONTH - SEP 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	2	2	1	1	1	0	0	1	1	1	1	1	2	1	1	2	1	0	1
2	0	0	0	0	0	0	1	0	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	3	3	1	1	2	3	2	2	3	2	2	2	2	3	3	4	3	3	2	2
4	1	1	1	1	1	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	0	0	0	0	2	2	2	2	2	2	2	3	3	4	4	1	1	2	2	2	2	2	3	2
6	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1
7	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	0	0	1	0	1	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	1
9	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
10	1	2	1	1	1	2	4	5	4	3	2	1	2	2	2	3	2	2	3	5	4	2	3	2	2
11	0	0	0	1	2	3	2	****	****	1	1	1	2	3	3	1	1	2	0	1	1	0	0	0	1
12	0	0	0	0	0	1	1	2	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
13	1	0	0	0	0	0	0	1	1	1	1	1	0	0	1	1	1	0	1	1	1	1	1	1	1
14	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	1	0
15	0	0	0	0	0	2	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	4	3	3	1
16	1	0	0	0	0	2	4	3	2	3	1	0	0	1	5	7	3	1	1	2	2	3	3	1	2
17	1	1	1	1	1	8	8	5	2	1	1	2	2	1	2	3	2	2	2	2	2	1	1	1	2
18	1	0	0	0	0	0	1	3	1	2	2	2	2	2	4	5	2	2	2	3	3	3	3	3	2
19	2	0	0	0	0	1	4	3	****	2	1	1	2	2	1	2	2	2	4	7	5	2	2	2	1
20	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	0	0	0	0	0	1	1	1	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0
22	0	0	0	0	0	1	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2
23	2	1	1	1	2	3	4	3	2	2	2	2	2	1	1	1	1	5	5	2	2	1	1	1	1
24	1	1	1	1	1	1	2	2	2	2	2	2	1	2	1	2	2	3	2	2	2	1	1	1	1
25	1	1	1	1	1	1	1	1	1	****	0	0	0	0	0	0	1	1	2	0	1	1	1	4	1
26	2	2	0	0	0	1	6	3	3	3	3	2	2	2	2	3	2	2	2	2	2	2	2	2	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	2	1	1	2	2	2	3
29	1	1	1	0	1	2	5	6	4	3	3	3	3	2	2	3	3	3	2	3	2	1	2	2	1
30	3	1	0	0	0	1	1	2	0	0	0	0	0	0	1	1	1	1	1	1	1	2	1	2	1
MEAN	1	1	0	1	1	2	2	2	2	1	1	1	1	1	2	2	1	1	2	2	2	2	2	1	1.4

- NOTES 1 \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2 - INDICATES DATA IS UNAVAILABLE  
 3 \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - WC NO 29025

BARTON/WENTWORTH HAMILTON

MONTH - OCT 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	1	2	****	1	1	1	1	1	2	2	2	1	1	1	1	1	0	0	1
2	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	0	1	1	1	3	2	2	1
3	1	0	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	2	1	1	1	1	2	2	2	2	2	2	2	2	0	0	1	2	0	2
5	5	2	2	2	2	1	2	3	2	2	1	2	2	2	3	2	2	1	1	2	1	1	1	1	2
6	0	0	0	****	0	0	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	3
7	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	4	4	6	5	4	4	4	3	3
8	3	1	1	2	2	4	5	8	9	5	3	2	3	2	2	3	3	2	2	2	2	2	2	2	1
9	1	1	1	1	1	1	1	1	1	****	1	0	1	1	1	2	1	1	2	2	2	2	2	2	2
10	1	1	1	1	1	1	2	2	1	1	2	2	2	2	2	2	3	3	2	2	2	1	1	1	2
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	0	0	0	0	1	1	1	0	0	0	1	1	1	1	1	2	1	3	4	5	2	1
13	2	1	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	1	1	1	2	3	2	2	2	3	3	3	3	3	4	2	1	2	3	2	2
15	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	5	2	1	1	3	2	2
16	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	0	1	1	1	1	1	1	0	1	0	1	2	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	0	1	1	1	1	1	1
19	1	0	0	0	0	0	1	0	0	0	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
20	0	0	0	0	0	1	2	2	2	1	1	1	1	1	2	3	1	2	1	1	1	1	1	0	1
21	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	4	2	0	1
22	0	0	0	0	0	1	2	2	3	2	2	2	2	3	3	3	5	3	4	4	6	6	6	3	3
23	3	0	2	2	2	8	10	8	4	5	4	2	2	3	3	3	5	4	5	5	4	3	10	8	5
24	6	3	3	2	1	10	12	9	6	4	2	2	2	3	3	3	5	6	6	6	5	2	2	2	5
25	1	1	1	0	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	1
26	2	1	1	1	1	1	1	2	1	1	1	1	1	2	1	1	1	1	2	2	2	2	2	2	2
27	3	2	2	2	2	5	11	8	3	3	3	2	2	2	4	4	5	4	4	3	3	3	4	4	4
28	6	3	3	2	2	2	3	3	4	3	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2
29	2	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	2	2	2	2	1	2	5	10	5	3	3	3	3	3	3	5	7	5	7	9	6	3	3	2	4
MEAN	2	1	1	1	1	2	2	3	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1.7

- NOTES 1 \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2 - INDICATES DATA IS UNAVAILABLE  
 3 \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE													UNITS - PARTS/MILLION												
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON													MONTH - NOV 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2
2	1	2	2	2	1	1	1	1	1	2	2	2	1	2	2	2	2	1	1	1	1	1	1	1	1
3	1	0	0	0	0	0	1	2	2	2	2	2	1	1	2	2	2	3	2	1	1	1	1	1	1
4	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	6	3	3	4	2	1	2	1	2
5	1	0	0	0	0	0	1	3	2	1	1	1	3	***	2	6	8	4	4	3	2	2	3	4	2
6	4	3	2	2	2	2	3	4	4	4	3	3	2	2	2	3	7	5	3	3	3	3	4	4	3
7	4	3	2	2	2	2	3	8	10	9	8	6	4	4	3	3	4	3	2	2	3	2	2	2	4
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	6	7	6	4	4	2
9	9	3	2	2	2	2	2	2	4	2	1	2	3	2	2	2	2	2	2	6	7	6	4	4	2
10	2	1	1	3	2	3	2	2	2	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	2
11	1	1	1	1	1	1	2	2	3	2	2	2	2	2	2	3	6	4	4	5	3	6	6	9	3
12	7	6	4	2	2	2	5	7	3	7	3	2	2	2	2	6	4	4	3	6	5	2	1	1	4
13	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	1
16	1	1	1	1	0	0	0	1	1	1	1	1	0	1	1	1	1	1	2	1	1	0	1	1	1
17	1	1	1	0	0	0	1	2	3	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1
18	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	4	3	1	3	3	3	5	4	2
19	4	2	2	1	1	1	2	2	2	***	2	2	2	2	2	2	5	5	4	3	3	3	2	2	3
20	2	2	1	1	2	2	3	3	4	6	3	3	5	4	2	2	7	6	3	4	3	6	5	3	4
21	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	2	2	1	1	2	1	2
22	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	3	4	4	2	1	1	1	1	2	2	2	1	0	0	0	1	1	1	1
25	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	4	1	3	2	***	2	2	2	2	5	9	5	4	4	3	3	2	2	3
27	2	2	2	1	1	1	6	5	3	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	3
28	2	1	1	1	1	1	2	2	2	2	3	3	3	2	3	3	5	4	4	5	5	5	5	5	3
29	4	6	4	2	2	2	2	2	3	2	2	3	3	3	3	4	4	5	4	5	5	3	2	2	3
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1
MEAN	2	2	1	1	1	1	2	3	3	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE													UNITS - PARTS/MILLION												
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON													MONTH - DEC 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1
2	1	1	1	1	1	1	3	4	3	3	4	4	2	2	2	3	4	2	2	2	2	1	1	1	2
3	1	1	0	0	0	0	1	2	2	1	1	1	1	1	1	1	2	1	1	2	2	1	1	1	1
4	1	1	1	0	0	0	2	4	5	2	2	3	3	3	5	6	8	2	2	4	4	5	5	6	3
5	5	5	5	4	3	4	7	11	6	5	2	2	2	3	2	3	4	2	2	2	1	1	1	1	3
6	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	2	4	2	1	1	1	1	2	2	1
9	1	1	2	2	1	2	4	4	3	2	3	3	3	3	4	6	10	4	7	6	4	7	8	1	4
10	1	2	1	1	0	1	1	1	1	1	1	2	1	1	2	2	3	2	3	2	1	1	1	1	1
11	1	1	1	1	0	1	3	3	2	2	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	2	2	1	***	2	2	2	2	4	3	6	2	1	1	1	1	2	2	2
13	2	1	2	1	1	1	2	2	2	2	3	4	4	4	5	6	6	6	8	6	10	4	1	1	4
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
15	0	0	0	0	0	0	1	1	1	2	2	2	2	1	1	2	2	1	2	1	1	1	1	1	1
16	1	1	1	1	1	1	4	4	2	3	2	3	4	3	5	8	4	4	4	2	3	4	4	4	3
17	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
18	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	3	4	3	2	2	2	1	1	1	2
19	1	1	1	1	1	1	1	1	1	***	2	2	2	2	2	3	3	3	5	4	4	3	3	3	3
20	3	3	2	2	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	3	3	1
22	3	2	2	1	1	2	2	4	4	3	3	4	4	3	3	3	3	3	2	2	2	2	2	2	3
23	2	1	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	2	2	2	1
24	1	1	1	2	2	2	2	3	4	4	3	***	***	***	***	***	***	***	***	***	***	***	***	***	***
25	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
26	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
27	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	3	3	2	2	2	2	3	3	2
28	4	2	1	2	2	2	2	2	2	2	2	2	2	1	1	2	3	3	2	2	2	2	2	2	2
29	2	2	1	1	2	2	3	4	3	5	3	3	2	2	3	4	9	5	5	4	3	3	2	3	3
30	2	2	2	1	1	2	4	7	9	2	***	3	3	3	2	3	3	2	2	2	2	2	2	2	3
31	1	1	1	1	1	1	2	3	2	3	1	1	2	2	2	1	1	1	2	2	2	1	1	1	2
MEAN	2	1	1	1	1	1	2	3	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	1

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.3	3	9
FEB	28	0.9	1	6
MAR	31	1.0	2	7
APR	30	1.1	3	7
MAY	31	1.9	4	12
JUN	28	1.5	3	6
JUL	31	1.2	2	5
AUG	31	1.4	3	8
SEP	30	1.4	3	8
OCT	31	1.7	5	12
NOV	30	2.0	4	10
DEC	28	1.9	4	11
YEAR	360	1.4	5	12

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 & OVER	TOTAL
JAN	531	170	39	1	0	0	741
FEB	565	96	9	0	0	0	670
MAR	629	92	21	0	0	0	742
APR	516	174	28	0	0	0	718
MAY	385	246	107	3	0	0	741
JUN	402	252	35	0	0	0	689
JUL	531	209	3	0	0	0	743
AUG	456	245	37	0	0	0	738
SEP	468	216	32	0	0	0	716
OCT	437	230	64	9	0	0	740
NOV	347	272	93	5	0	0	717
DEC	333	279	74	5	0	0	691
YEAR	5600	2481	542	23	0	0	8646

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
98.7	0	0.0	0.3	0.7	1.2	2.5	3.5	4.9	5.9	12	1.4



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE												UNITS - PARTS/MILLION													
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO												MONTH - JAN 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3
2	2	2	2	2	2	2	2	3	4	4	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3
3	3	3	3	3	3	3	3	3	3	3	1	1	2	2	2	2	2	2	2	2	1	2	2	3	2
4	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	2	2	2
5	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	1	1	1	2	2
8	1	1	1	1	0	1	1	1	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2
9	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1
10	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12																									
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27																									
28																									
29																									
30																									
31																									
MEAN	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.8

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE												UNITS - PARTS/MILLION													
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO												MONTH - APR 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												-	DATA	INVALID	-										
2												-	DATA	INVALID	-										
3												-	DATA	INVALID	-										
4												-	DATA	INVALID	-										
5												-	DATA	INVALID	-										
6												-	DATA	INVALID	-										
7												-	DATA	INVALID	-										
8												-	DATA	INVALID	-										
9												-	DATA	INVALID	-										
10												-	DATA	INVALID	-										
11												-	DATA	INVALID	-										
12												-	DATA	INVALID	-										
13												-	DATA	INVALID	-										
14												-	DATA	INVALID	-										
15												-	DATA	INVALID	-										
16												-	DATA	INVALID	-										
17												-	DATA	INVALID	-										
18												-	DATA	INVALID	-										
19												-	DATA	INVALID	-										
20												-	DATA	INVALID	-										
21												-	DATA	INVALID	-										
22												-	DATA	INVALID	-										
23												-	DATA	INVALID	-										
24												-	DATA	INVALID	-										
25												-	DATA	INVALID	-										
26	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0	0	0	0	0	0	0	0	0	1	1	1	1	0.0000
27	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	2	2	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH - MAY 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	4	5	4	3	3	4	3	****	4	4	3	3	3	3	2	3	2	3
2	1	1	1	1	1	1	2	2	2	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	2	2	2	2	2	1	2	1	1	3	2	2	1	1	1	1	1	1	2	2	1	1	1	1	2
4	1	1	0	0	0	0	1	1	0	0	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	2	2	1	1	1	1	1	1	2	2	2	2	2	2	1	2	2	2	1	2	2	3	5	3	2
6	2	2	2	1	1	1	1	1	2	2	1	1	1	1	1	2	2	1	1	1	2	2	3	2	1
7	2	1	1	0	0	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	3	5	3	2	2
8	1	0	0	0	0	1	1	2	2	2	1	1	1	2	2	2	2	1	1	2	3	5	3	1	2
9	2	1	1	2	2	1	2	****	4	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2
10	2	1	1	1	1	1	1	1	2	2	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****
11	9	7	4	1	1	5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2
12	1	1	1	1	2	1	2	3	1	1	1	1	1	1	2	3	4	2	2	2	1	5	4	1	1
13	1	0	0	0	0	1	2	2	2	1	1	1	1	2	2	2	2	2	1	1	1	2	1	1	1
14	1	1	1	1	1	2	4	4	4	3	2	1	1	1	1	1	2	1	1	1	2	1	1	1	2
15	1	1	1	1	1	2	3	3	2	2	2	2	2	2	3	3	2	2	3	3	4	2	1	1	1
16	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	3	3	1	1
18	3	4	3	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	2
19	2	2	1	1	1	1	2	1	1	1	1	1	2	1	1	1	1	1	1	2	3	5	4	2	1
20	0	0	0	1	0	0	1	2	2	****	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	0	0	1	2	5	3	1	1	1	2	2	2	2	1	1	1	1	2	1	1	0	1
22	0	0	0	0	0	1	1	1	3	4	3	3	2	2	2	2	3	2	2	1	3	3	4	4	2
23	3	3	4	3	2	1	1	3	4	3	3	1	1	2	1	2	2	1	1	2	1	3	3	1	1
24	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	5	2	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	3	2	1	2	2	1	1	1	1
27	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	0	1	1	1	1	2	2	1	2	1	1	1	1	2	2	2	2	2	2	1	1	1	2
29	4	2	2	2	2	3	3	3	2	2	2	1	1	1	1	1	2	2	2	2	2	4	5	4	3
30	1	1	1	1	1	1	3	5	4	3	2	1	2	3	3	4	6	2	2	2	4	5	4	2	3
31	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	2	1	1	1	1	1	2	2	2	2	2	1	1	1	1	2	2	1	1	2	2	2	2	2	1.5

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH - JUN 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	2	2	2	1	****	1	1	1	1	2	1	1	1	1	1	1	1	1
3	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	1	0	1	2	2	2	1	1
4	1	1	1	1	2	2	2	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1
5	1	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	4	3	3	2	5	3	3	2	2
6	1	1	0	0	1	2	2	2	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1
8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	2	3	3	1	1	1	1	1
12	1	0	0	0	0	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
13	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	0	0	0	0	0	1	2	2	2	2	2	2	****	1	1	1	1	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	1	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
19	2	1	1	1	0	0	2	3	1	1	2	1	0	0	0	1	1	0	1	1	1	1	1	1	1
20	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
21	2	1	1	1	2	1	1	1	0	0	1	0	0	0	1	1	1	1	1	1	1	2	2	2	1
22	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	0	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	0	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	2	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1
27	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	2	2	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	2	2	2	1	1
29	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
30	1	0	0	0	0	0	1	1	1	1	1	****	0	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - CARBON MONOXIDE										UNITS - PARTS/MILLION															
		STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO										MONTH - JUL 75															
HOUR DAY		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	4	4	3	2	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1
3	0	0	0	0	0	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
4	1	1	0	0	0	0	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1
5	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
6	3	2	2	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	1
7	1	0	0	0	0	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	2	2	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
9	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	1	0	1	1
11	1	0	0	0	0	1	1	1	1	1	1	****	1	1	1	1	1	1	0	0	0	0	1	1	2	1	1
12	2	3	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
13	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	1	1	1	****	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	2	1	1	1	1	1	2	****	****	1	1	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	2	1	1	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
17	1	1	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0
18	1	0	0	0	0	1	1	1	1	1	1	****	1	1	1	1	1	1	0	1	1	1	1	1	1	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	2	0	0	0	0
21	0	0	0	0	0	0	1	1	0	0	1	1	0	1	1	1	2	1	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1
23	1	1	1	1	0	0	1	****	1	1	1	1	1	1	1	1	2	2	1	3	3	2	2	2	2	1	1
24	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
29	1	1	1	1	1	1	2	3	5	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	2	4	3	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2
31	1	1	1	0	0	1	2	6	3	2	2	2	1	1	1	1	1	1	1	1	1	4	9	9	9	3	3
MEAN	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9	

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE												UNITS - PARTS/MILLION													
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO												MONTH - AUG 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	1	1	2	1	2	2	6	3	2	1	1	1	1	2	2	1	1	1	1	3	4	2		
2	1	2	2	1	1	4	2	3	4	3	2	1	1	1	1	1	1	1	1	1	3	4	4	3	2
3	2	3	1	0	0	0	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1
4	2	1	1	1	1	0	0	0	0	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1
5	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	0	0	0	0	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	3	1	1	1	1	1	2	4	4	2	1	1	1	1	1	1	1	1	1	2	3	3	3	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	0	0	0	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
12	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	2	1	1	1	1	1	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1
14	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
15	1	1	0	0	0	1	2	4	****	3	2	1	2	2	2	2	2	2	1	1	1	1	1	1	1
16	2	1	1	1	0	0	1	1	1	1	1	1	1	0	0	1	1	0	0	1	1	2	2	2	2
17	2	2	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1
19	1	1	0	0	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	0	0	0	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	2	3	3	3	2	2	2	1	****	1	2	2	2	2	2	2	1	1	1	2
22	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	1
23	3	3	3	3	2	1	1	1	1	1	0	0	1	1	2	1	1	1	1	2	1	1	1	1	1
24	1	1	2	1	1	0	1	1	2	1	2	1	1	2	1	2	2	2	3	4	1	1	1	1	1
25	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	0	0	0	0	0	0	1	1	1	1	2	2	1	1	1	2	1	1	1	1	2	2	1	1	1
27	1	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	1	1
28	2	2	2	1	1	1	2	6	5	2	****	1	1	1	1	1	1	1	2	1	1	1	1	1	2
29	0	0	0	0	0	0	1	1	0	0	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1
30	1	1	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	0	1	1	1	1	1	1	1
31	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH - SEP 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	0	0	1
2	0	0	0	0	0	1	2	3	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	0	0	1	1	1	***	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1
4	1	2	1	1	0	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	2	2	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
6	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
7	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
8	1	1	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	2	2	1	***	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
10	1	1	1	1	1	1	3	4	3	2	2	2	2	2	1	2	2	1	1	2	2	1	1	1	2
11	1	1	1	2	1	2	1	2	2	2	1	1	1	1	1	2	2	1	1	1	1	0	0	0	1
12	0	0	0	0	0	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
15	1	1	1	1	1	1	4	7	6	2	1	1	1	1	1	1	1	1	***	***	***	***	***	***	2
16												- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
17												- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
18												- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
19												- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
20												- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
21												- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
22												- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
23												- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
24												- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
25	****	****	****	****	****	****	****	****	****	****	2	2	2	2	2	2	2	2	2	2	2	1	1	1	****
26	1	1	1	1	1	1	2	3	2	2	3	3	3	2	2	2	3	2	2	2	2	1	1	1	2
27	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	4	2	1
28	1	1	0	0	0	0	1	1	1	1	0	1	0	0	0	0	0	0	1	2	2	2	2	1	3
29	2	2	4	2	2	2	6	7	****	5	2	2	2	4	2	3	3	1	2	2	2	2	2	1	1
30	1	1	1	1	1	1	2	2	2	2	2	1	1	1	2	2	2	1	1	1	2	2	2	1	1
MEAN	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1.2

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH - OCT 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	2	2	2	2	****	3	3	2	****	2	1	2	2	2	2	2	1	2	1	1	2
2	1	0	0	0	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1
3	1	1	1	1	1	1	2	2	2	2	2	1	1	****	0	0	0	0	0	0	1	0	0	0	1
4	0	0	0	0	0	0	1	1	2	2	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0
5	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	2	0	0	0	0	0
6	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	2	2	2	1	2	1
7	0	0	0	0	0	0	1	2	1	1	1	0	1	0	0	0	1	1	1	2	2	1	0	0	3
8	4	5	4	1	2	3	6	10	8	7	6	2	3	3	2	2	2	1	0	1	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	****	****	****	****	0
10	****	****	****	****	****	****	****	****	****	24	17	13	2	2	1	2	2	1	1	1	1	1	1	1	1
11	0	0	1	1	1	1	1	0	1	0	0	0	0	1	1	0	0	1	1	1	1	1	1	1	1
12	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1
13	2	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	2	6	2	4	3	1
14	0	0	0	0	0	1	1	2	2	2	1	1	1	1	1	3	2	2	2	1	1	0	1	1	1
15	2	1	1	1	0	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1
17	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
19	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
20	0	0	0	0	0	0	1	2	****	****	0	1	1	1	1	2	2	1	1	1	1	1	1	1	1
21	1	0	0	0	1	1	2	2	2	2	2	2	2	2	2	2	2	3	5	2	1	2	2	1	2
22	2	1	1	0	0	1	2	2	2	2	1	****	2	2	2	2	3	3	4	2	2	2	2	2	1
23	1	0	0	0	1	1	2	4	4	2	2	2	3	3	3	4	3	2	2	2	2	2	2	2	3
24	3	3	3	2	2	3	4	5	****	3	3	3	2	2	3	3	2	3	4	2	3	1	1	1	1
25	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	2	2
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
27	1	1	2	3	2	2	3	6	6	4	****	2	1	1	1	2	3	3	2	2	1	2	2	2	2
28	2	2	1	1	2	1	1	4	4	2	3	2	2	1	2	1	2	1	1	1	1	1	1	1	1
29	1	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	1
30	1	1	0	0	0	0	1	1	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	1
31	2	3	1	1	1	2	3	3	5	2	1	****	1	1	1	2	3	3	1	2	2	1	1	1	2
MEAN	1	1	1	0	1	1	1	2	2	2	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1.3

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE													UNITS - PARTS/MILLION												
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO													MONTH - NOV 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1
2	2	2	1	1	1	1	1	1	1	1	1	2	1	1	2	3	3	2	2	1	1	1	1	1	1
3	1	1	1	1	0	1	1	2	5	4	2	2	2	2	3	2	3	2	2	1	1	1	1	1	1
4	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	2	1	1	1	1	1	2
5	1	1	0	0	0	0	1	1	3	2	1	1	2	2	1	2	2	4	2	1	1	1	1	1	1
6	3	1	0	0	1	1	1	1	2	2	4	4	4	2	2	3	4	6	8	2	1	1	2	2	3
7	4	3	2	3	2	1	1	3	5	5	4	3	4	2	5	3	3	2	1	2	1	3	7	9	2
8	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	2	1	1	1	2	1	2	1	2
9	2	5	6	4	2	3	2	1	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	1	1
10	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1
11	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	2	4	1	1
12	3	1	1	1	0	0	1	2	2	2	1	2	3	3	3	4	4	7	9	11	7	5	3	1	3
13	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
16	1	2	1	1	0	0	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1
17	1	1	1	1	1	1	2	3	4	4	4	3	3	2	2	3	4	3	1	2	1	2	2	1	1
18	1	1	1	1	1	1	1	4	5	5	9	6	6	7	7	7	7	6	5	4	2	1	4	3	4
19	2	2	1	1	1	1	1	2	4	4	3	5	5	5	7	6	6	6	5	4	2	1	6	9	5
20	12	13	12	8	7	4	3	5	9	8	7	6	5	4	4	4	4	3	2	2	2	2	1	1	1
21	1	1	1	1	1	0	1	2	3	2	****	2	2	2	1	2	2	2	2	2	2	1	1	1	2
22	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	2	1	1	1	1	1	1	1	2	2	****	2	2	2	2	2	3	3	3	2	2	2	2	2	2
25	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	2	1	2	1	1	2	2	1	1	2
26	1	0	0	0	0	0	0	1	2	2	2	2	1	2	2	2	2	2	1	1	1	1	1	1	1
27	1	0	0	0	0	0	0	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1
28	1	1	1	1	1	1	1	2	2	2	1	2	2	2	2	2	3	3	2	3	4	2	6	4	2
29	5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
30	2	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	1

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE													UNITS - PARTS/MILLION												
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO													MONTH - DEC 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	2	2	1
2	1	1	1	1	1	1	1	2	2	1	1	1	2	2	2	3	3	4	3	2	2	2	2	2	2
3	1	1	0	0	0	1	1	1	3	2	2	1	1	1	1	1	2	2	1	1	2	2	2	1	1
4	1	2	1	1	1	1	2	2	3	4	2	2	2	1	1	2	2	1	1	1	1	1	1	1	2
5	1	1	1	1	1	1	1	3	6	6	2	2	3	2	3	3	4	3	3	2	2	2	2	2	2
6	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	3	3	2	1	1	2	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
8	1	0	0	0	0	0	1	2	2	2	2	2	2	1	1	1	1	2	2	1	1	1	1	1	1
9	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	2	2	1	0	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	2	1
11	1	1	1	1	1	1	1	2	3	2	1	1	1	1	1	2	2	2	2	2	3	2	3	2	2
12	2	2	1	1	1	1	1	2	3	2	2	2	2	2	2	2	3	4	3	2	2	2	2	2	2
13	2	1	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	1	2	3	3	2	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	0	0	0	0	0	1	1	1	2	2	2	2	1	1	1	2	2	2	2	1	2	1	1	1	1
16	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1
17	2	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	2	2	2	2	1	1	1	1	1	2
19	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1
20	****	****	****	****	****	****	****	****	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	2
22	5	4	3	2	2	2	2	7	8	4	8	6	6	2	2	2	4	4	4	3	3	2	2	2	4
23	2	1	1	1	1	1	2	2	3	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2
24	2	2	1	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
25	1	0	0	0	0	0	1	1	1	1	2	2	2	2	2	4	2	2	1	1	1	1	1	1	1
26	2	1	1	1	0	0	1	1	1	1	1	2	2	2	1	2	2	2	2	2	2	2	2	2	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	2	1	1	1	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1
29	2	1	1	1	1	2	2	3	3	4	6	2	3	2	2	2	2	1	2	1	1	2	2	2	2
30	2	1	1	1	1	1	1	2	3	2	1	1	1	2	2	2	2	2	2	2	2	1	2	1	2
31	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	2	3	2	2	1	1	1	1	2
MEAN	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1.5

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
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 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	10	1.8	3	4
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR	4	1.0	2	2
MAY	30	1.5	3	9
JUN	30	0.9	2	5
JUL	31	0.9	3	9
AUG	31	1.1	2	6
SEP	20	1.2	3	7
OCT	30	1.3	3	24
NOV	30	1.7	5	13
DEC	30	1.5	4	8
YEAR	246	1.3	5	24

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 & OVER	TOTAL
JAN	105	130	7	0	0	0	242
FEB		DATA UNAVAILABLE					
MAR		DATA UNAVAILABLE					
APR	87	20	0	0	0	0	107
MAY	462	227	38	1	0	0	728
JUN	619	94	2	0	0	0	715
JUL	663	64	7	3	0	0	737
AUG	602	126	12	0	0	0	740
SEP	361	112	12	0	0	0	485
OCT	496	197	24	2	2	0	721
NOV	460	174	72	11	0	0	717
DEC	412	284	20	0	0	0	716
YEAR	4267	1428	194	17	2	0	5908

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
80.4	0	0.0	0.3	0.6	1.0	1.9	2.7	3.9	5.4	24	1.3



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE												UNITS - PARTS/MILLION														
STATION - NO 31090 67 COLLEGE ST 2ND FL TORONTO												MONTH - JUL 75														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1													- DATA INVALID -													
2													- DATA INVALID -													
3													- DATA INVALID -													
4													- DATA INVALID -													
5													- DATA INVALID -													
6													- DATA INVALID -													
7													- DATA INVALID -													
8													- DATA INVALID -													
9													- DATA INVALID -													
10	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	4	5	4	2	2	2	4	3	2	1	****
11	1	1	1	1	1	1	2	2	2	****	2	1	2	2	2	2	1	1	1	1	1	1	3	3	2	
12	3	3	2	2	2	3	3	2	1	2	1	1	2	2	3	2	1	1	1	1	2	2	3	3	1	
13	2	2	1	1	1	2	3	1	1	1	1	1	1	2	2	1	1	1	2	1	1	2	2	1	2	
14	1	1	1	1	1	1	1	3	2	2	2	2	1	1	1	2	2	1	2	2	2	2	2	1	1	
15	1	1	1	1	1	1	3	2	3	2	2	2	2	2	2	2	2	2	2	2	1	2	2	1	2	
16	1	2	1	2	2	2	4	4	3	2	2	2	2	2	2	2	3	2	2	2	1	1	2	2	2	
17	2	2	1	1	1	2	3	3	3	3	3	2	2	2	2	2	2	2	1	1	2	3	2	2	2	
18	2	1	1	1	1	2	3	3	3	2	****	2	1	2	2	2	2	1	1	2	2	2	2	1	2	
19	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	2	1	1	1	2	2	1	1	1	1	
20	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	2	3	3	1	2	3	1	
21	1	0	0	0	0	1	2	2	1	1	2	2	2	2	2	2	3	3	2	1	1	1	1	1	1	
22	0	0	0	0	0	1	1	2	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	
23	1	1	1	1	0	1	2	3	1	1	1	1	1	1	2	1	2	2	1	3	3	3	4	2	2	
24	1	1	1	1	1	1	2	3	1	1	1	1	****	1	1	1	1	1	1	1	1	2	1	1	1	
25	1	1	1	1	1	1	1	2	1	1	1	2	2	1	1	2	1	1	1	2	2	1	2	1	1	
26	1	1	1	1	1	1	2	2	1	2	1	1	1	1	2	2	1	1	1	1	1	2	2	1	1	
27	2	1	2	1	1	1	2	2	1	1	2	1	1	1	2	1	1	1	1	3	2	1	1	1	1	
28	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	
29	1	1	1	1	1	1	4	5	5	3	1	1	1	2	1	2	1	1	1	1	1	1	2	2	2	
30	2	1	1	1	1	1	3	4	3	2	2	2	1	1	2	2	1	1	1	2	2	3	2	2	2	
31	2	1	1	1	1	1	3	6	3	2	2	2	2	2	2	2	2	1	2	2	4	8	10	10	3	
MEAN	1	1	1	1	1	1	2	2	2	1	2	1	1	2	2	2	2	1	1	2	2	2	2	2	1	

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - CARBON MONOXIDE												UNITS - PARTS/MILLION													24	MEAN
	STATION - NO 31090 67 COLLEGE ST 2ND FL TORONTO												MONTH - AUG 75														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23				
1	4	2	1	2	2	3	5	6	3	2	2	1	1	2	4	2	2	1	1	2	2	3	5	2	3		
2	2	2	2	1	1	4	3	4	4	3	2	1	1	2	2	1	1	1	1	2	3	5	5	3	2		
3	3	3	0	0	0	0	2	1	1	1	1	1	1	2	3	1	1	1	2	2	1	1	2	2	1		
4	2	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2	1	1	1	1	1	1		
5	1	0	0	0	0	1	2	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	0	1		
6	0	0	0	0	0	1	2	3	2	2	2	2	2	2	3	2	1	1	1	1	1	1	2	1	1		
7	0	0	0	0	0	1	2	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	1	1		
8	3	1	1	1	1	1	3	6	5	3	2	2	2	1	2	1	2	2	2	1	2	3	2	2	2		
9	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
10	1	1	0	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	2	1	1	2	1	1		
11	1	0	0	0	0	1	1	2	2	1	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2		
12	2	1	1	1	1	1	2	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
13	2	2	1	1	1	2	4	4	3	2	3	2	2	3	2	3	3	2	3	2	3	1	1	1	2		
14	1	1	0	0	0	1	2	2	2	2	2	2	1	1	1	2	2	2	3	3	2	2	2	2	2		
15	2	1	0	0	1	1	4	****	4	3	2	2	5	3	5	3	3	1	1	2	1	3	2	2	2		
16	3	1	1	0	0	0	1	0	0	0	1	0	0	0	1	1	0	0	1	1	1	1	1	1	1		
17	1	1	1	1	1	1	1	1	0	1	1	1	1	0	0	0	0	0	1	1	1	1	1	0	1		
18	0	****	****	****	****	0	0	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1		
19	1	0	1	0	0	0	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	3	1	1	1		
20	1	1	1	0	0	1	2	3	3	2	1	1	1	1	2	2	2	1	1	2	3	3	3	2	2		
21	2	1	1	1	2	2	4	5	5	3	3	3	2	****	2	2	2	2	2	2	1	1	1	2	2		
22	1	1	0	0	0	1	1	1	1	1	1	2	2	2	2	3	2	1	1	2	3	3	3	3	2		
23	4	2	3	2	2	2	3	2	1	1	1	1	1	1	2	1	1	1	1	2	2	2	3	2	2		
24	1	1	1	1	1	1	1	1	2	3	2	2	1	1	3	3	3	3	4	5	2	2	1	1	2		
25	1	0	0	0	0	1	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1		
26	0	0	0	0	0	0	2	2	2	3	2	2	2	1	2	3	2	1	1	1	2	2	2	1	1		
27	1	1	1	0	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	2	2	2	2	1	1		
28	3	2	2	1	1	2	3	5	6	3	2	1	2	2	2	2	2	3	3	2	2	3	2	2	2		
29	1	1	1	0	1	1	2	3	2	2	2	2	3	3	6	4	3	2	2	2	2	3	2	2	2		
30	1	1	1	0	0	1	2	2	2	1	2	2	2	2	3	2	1	1	1	2	2	3	3	1	2		
31	1	1	0	0	0	1	1	1	0	0	1	1	1	2	2	1	1	1	1	1	1	1	2	1	1		
MEAN	2	1	1	0	1	1	2	2	2	2	2	1	1	2	2	2	2	1	2	2	2	2	2	2	1		

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - NO 31090 67 COLLEGE ST 2ND FL TORONTO

MONTH - SEP 75

	STATION NO. 01000																								COLLECTED BY THE		DATE	
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN			
1	0	0	0	0	0	1	1	1	0	1	2	2	2	3	4	2	2	3	3	4	5	3	1	0	2			
2	0	0	0	0	0	1	3	3	1	1	1	1	2	2	2	2	2	1	2	2	2	1	2	2	1			
3	1	1	1	0	1	1	2	3	2	2	2	1	2	2	2	2	2	1	2	1	1	1	1	1	1			
4	2	1	1	0	0	1	2	2	2	2	1	1	1	2	2	2	2	2	2	2	4	3	3	3	2			
5	1	1	0	0	0	1	2	3	2	3	1	2	1	1	1	1	1	1	2	2	2	1	1	1	1			
6	2	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	1	1			
7	1	1	1	0	1	1	2	2	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1			
8	1	1	0	0	0	1	2	2	2	1	1	1	1	1	1	2	2	1	2	2	1	1	1	1	1			
9	1	1	0	0	0	1	2	1	1	1	1	1	1	1	1	1	2	1	2	2	1	1	1	1	1			
10	1	1	1	0	1	1	3	4	3	3	2	2	3	4	4	5	2	3	2	3	2	3	3	1	2			
11	1	1	1	2	2	3	5	2	2	2	1	1	1	1	2	3	2	1	1	1	2	1	0	2				
12	0	0	0	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1				
13	1	1	1	0	1	1	2	2	1	2	2	2	2	2	1	2	2	2	2	2	2	2	2	1				
14	2	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	2	4	3	3	3	2				
15	2	1	1	1	2	4	9	8	7	3	2	2	2	2	3	2	2	3	2	3	3	3	3	2				
16	2	2	2	1	2	4	7	7	5	5	5	4	3	3	4	5	5	4	2	3	3	2	2	2				
17	2	2	2	2	2	4	5	6	5	6	3	3	4	3	3	4	5	3	3	3	3	2	2	1				
18	1	1	0	0	1	3	2	3	2	3	3	5	3	3	3	4	2	3	1	1	1	2	2	1				
19	1	1	1	1	0	0	1	2	3	3	2	3	3	3	4	6	5	3	2	4	6	4	2	1				
20	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1				
21	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1				
22	1	1	1	0	1	1	2	4	3	2	2	2	2	2	2	3	3	2	1	1	1	1	1	1				
23	1	1	1	1	1	1	2	3	2	1	2	2	1	1	1	3	3	4	4	3	2	2	1	1				
24	1	0	0	0	0	0	2	3	2	2	2	2	2	2	2	4	3	2	3	3	2	2	1	1				
25	0	0	0	0	0	1	2	2	1	2	2	2	2	2	2	4	3	1	1	2	2	1	1	0				
26	1	0	0	0	0	0	2	4	2	2	2	2	2	2	1	0	0	0	1	1	1	1	1	0				
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
28	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
29	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
30	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
MEAN	1	1	1	1	1	1	3	3	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	1	1.7			

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - NO 31090 67 COLLEGE ST 2ND FL TORONTO

MONTH - OCT 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	2	2	2	3	4	1	2	2	2	2	3	2	2	2	2	2	1	1	2
2	1	1	1	1	1	1	1	2	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2
3	1	2	2	1	1	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4																									
5																									
6																									
7	1	1	1	1	1	2	4	5	3	2	2	2	2	4	3	1	3	2	2	2	2	2	2	2	3
8	5	6	4	3	3	5	8	9	9	7	7	3	4	5	5	3	4	4	4	3	3	4	2	2	5
9	1	1	1	1	1	2	3	2	2	2	2	2	2	3	4	4	4	4	3	3	2	3	3	2	2
10	2	1	1	1	1	2	3	3	3	2	2	2	2	2	2	2	2	2	2	1	1	1	2	1	2
11	1	2	2	1	2	2	2	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	2	1	2
12	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	2	2	2	2	3	2
13	2	2	1	1	1	4	2	1	1	2	1	1	1	1	2	2	2	3	3	5	6	10	5	4	2
14	1	1	1	1	1	1	1	4	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3
15	3	2	1	2	1	2	3	3	3	3	2	2	2	2	3	3	3	3	3	2	2	2	1	2	2
16	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	1	1	1	1	2	4	2	3	2	2	3	3	3	3	4	4	4	3	3	3	3	3	3	3
18	1	1	1	1	1	1	2	1	2	1	2	2	2	3	3	3	3	3	3	3	3	3	3	3	1
19	1	1	1	0	1	2	2	1	1	1	1	2	2	2	4	3	2	2	2	2	2	2	2	1	2
20	1	1	1	1	1	1	2	3	2	2	2	1	2	2	4	3	2	2	2	2	2	2	2	1	2
21	1	1	1	1	1	2	2	3	2	2	2	2	2	2	3	3	4	5	2	2	2	2	1	2	2
22	1	1	1	1	1	1	2	3	3	3	3	3	4	5	4	5	5	6	6	3	3	4	4	2	3
23	2	2	2	2	2	2	2	2	2	3	3	3	4	4	5	5	5	4	4	3	3	3	3	3	3
24	6	3	3	2	2	4	6	7	9	4	4	4	4	5	4	4	3	4	5	3	4	3	3	3	4
25																									
26																									
27																									
28	3	2	1	1	1	2	3	7	2	2	2	1	1	2	2	2	1	2	3	7	1	2	3	3	2
29	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	2	2	1	1	2	2	1	2
30	1	0	0	0	0	0	0	3	2	2	2	2	2	2	3	3	3	4	3	3	2	2	3	5	2
31	3	3	1	1	1	2	4	5	6	1	4	2	1	2	4	4	6	4	1	2	3	1	1	1	3
MEAN	2	2	1	1	1	2	3	3	3	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE													UNITS - PARTS/MILLION												
STATION - NO 31090 67 COLLEGE ST 2ND FL TORONTO													MONTH - NOV 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	2	3	3	2
2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	4	6	5	3	3	2	2	2	1	2	2
3	1	1	1	1	1	1	1	4	7	5	2	2	3	4	2	3	3	2	2	2	2	3	1	1	2
4	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2
5	2	2	2	1	1	1	2	3	4	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3
6	2	2	1	1	1	1	1	1	2	2	3	3	3	2	3	3	3	13	5	5	2	2	3	5	3
7	4	3	3	4	2	2	1	2	2	3	5	5	4	3	3	4	5	11	9	3	7	10	9	4	3
8	1	0	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	2	2	3	3	4	2	2
9	2	7	7	2	2	4	3	2	1	1	1	1	1	2	2	4	2	2	2	2	1	1	1	1	2
10	1	1	1	1	1	2	2	2	2	1	1	1	2	2	3	3	3	3	3	2	2	2	3	2	2
11	2	2	2	2	2	2	2	3	3	3	3	3	3	4	5	5	6	3	3	3	4	6	6	3	3
12	4	3	3	3	3	3	4	5	6	4	3	4	6	7	7	10	8	11	12	14	8	6	6	6	3
13	3	3	3	3	3	3	3	4	4	4	3	3	3	4	4	4	4	4	4	4	3	3	3	3	6
14	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3	3	3	3	2
15	2	2	1	1	1	2	3	3	3	3	3	3	3	3	3	3	4	4	2	2	2	2	2	2	3
16	2	3	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2
17	2	2	2	1	2	2	4	6	6	6	6	6	6	6	6	10	5	3	2	2	3	4	3	3	3
18	2	2	2	2	2	2	2	5	6	6	6	10	9	7	8	8	7	7	4	4	2	2	2	2	2
19	3	3	2	2	2	2	3	5	5	5	5	6	6	8	8	8	10	8	6	5	3	3	5	5	3
20	13	14	11	8	7	4	4	10	13	8	8	7	6	5	5	5	4	4	2	2	2	2	2	2	6
21	1	1	2	1	0	1	1	3	4	4	3	3	3	2	2	2	4	2	2	2	2	2	1	2	2
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	1	1	1	1	1
23	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	4	2	1	2	2	2	3	3	3	3
24	2	1	1	1	1	1	2	3	3	3	2	3	4	4	3	4	4	5	4	5	4	4	4	4	4
25	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
26	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
27	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
28	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
29	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
30	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
MEAN	3	3	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3	3.0

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE													UNITS - PARTS/MILLION												
STATION - NO 31090 67 COLLEGE ST 2ND FL TORONTO													MONTH - DEC 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	2	1	1	2	2	2	2	2	3	3	3	3	2	2	2	2	2
2	2	1	1	1	2	1	3	5	3	2	2	3	3	5	3	4	3	4	3	3	2	2	2	2	2
3	1	1	1	1	1	1	1	2	3	2	2	2	2	1	1	2	2	3	3	2	2	2	2	2	2
4	1	2	1	1	1	1	2	4	6	5	4	2	3	3	2	4	4	3	3	2	2	2	2	2	2
5	2	3	1	1	1	1	2	5	7	1	7	2	3	3	3	4	7	5	4	3	3	3	3	3	3
6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	2	2	1	1	0	0	2	1	1	1	1	1	1	1	1	5	1	1	1	1	1	1	1	1	1
8	1	0	0	0	0	0	1	2	4	3	2	2	3	3	2	3	4	4	2	2	1	1	1	1	1
9	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2
10	2	2	2	2	1	1	1	2	2	2	1	2	2	2	1	2	2	2	2	2	2	2	2	2	2
11	1	1	1	1	1	1	1	2	3	2	2	2	2	1	2	2	3	3	2	3	2	2	2	2	2
12	2	2	1	1	1	1	1	4	4	2	2	2	3	3	2	4	5	4	3	3	2	2	3	4	2
13	2	2	1	1	1	1	1	1	1	1	1	1	2	3	3	4	3	3	3	3	3	3	3	3	3
14	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	4	4	4	3	2	2
15	1	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	2	2	2	2	2	2	2
17	2	1	1	1	1	1	1	3	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	1	1	1	1	1	1	1	2	1	2	2	2	1	1	1	2	2	2	2	1	1	1	1	1	1
19	1	1	1	1	1	1	1	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
20	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	4	5	3	2	2	2
21	2	2	1	1	1	1	2	1	1	1	2	2	2	3	3	6	2	3	2	2	2	3	2	2	2
22	5	3	3	2	2	2	6	8	4	8	6	6	4	4	4	3	5	3	3	2	3	2	2	2	2
23	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3
24	2	2	1	1	1	1	2	3	4	6	7	4	4	5	5	3	3	3	3	3	3	3	3	3	3
25	1	1	1	1	1	1	2	3	2	2	2	3	3	2	4	6	2	3	3	3	3	3	3	3	3
26	2	2	1	1	1	1	2	3	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
28	2	2	2	1	1	1	2	3	3	3	2	2	2	1	1	3	2	2	2	2	1	1	1	1	1
29	2	1	1	1	1	2	2	4	4	4	7	4	3	2	1	2	2	2	2	1	1	1	1	1	1
30	2	2	2	1	2	2	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3
31	1	1	1	1	1	1	2	3	3	3	2	4	3	4	5	5	4	4	3	2	2	2	2	2	2
MEAN	2	2	1	1	1	1	2	3	3	2	3	2	2	2	2	3	3	3	2	2	2	2	2	2	2

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - NO 31090 67 COLLEGE ST 2ND FL TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY		DATA UNAVAILABLE		
JUN		DATA UNAVAILABLE		
JUL	21	1.6	3	10
AUG	31	1.5	3	6
SEP	27	1.7	4	9
OCT	24	2.2	5	10
NOV	26	3.0	6	14
DEC	31	2.1	4	8
YEAR	160	2.0	6	14

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - NO 31090 67 COLLEGE ST 2ND FL TORONTO

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 & OVER	TOTAL
JAN	DATA UNAVAILABLE						
FEB	DATA UNAVAILABLE						
MAR	DATA UNAVAILABLE						
APR	DATA UNAVAILABLE						
MAY	DATA UNAVAILABLE						
JUN	DATA UNAVAILABLE						
JUL	285	210	14	2	0	0	511
AUG	402	304	32	0	0	0	738
SEP	326	280	50	1	0	0	657
OCT	178	339	80	4	0	0	601
NOV	139	348	134	21	2	0	644
DEC	244	422	77	0	0	0	743
YEAR	1574	1903	387	28	2	0	3894

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
88.2	0	0.1	0.7	1.3	1.8	3.1	4.3	6.0	7.4	14	2.0



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE												UNITS - PARTS/MILLION													
STATION - NO 33002 PHARMACY AND 401 TORONTO												MONTH - JAN 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	4	3	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	
2	3	3	2	2	2	2	3	5	7	4	3	3	2	3	***	2	2	3	3	2	2	2	3	3	
3	2	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	
4	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	4	4	3	4	3	2	2	2	2	
5	3	3	2	2	2	2	2	2	2	3	2	1	1	1	1	1	1	2	3	5	3	2	2	2	
6	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	1	1	1	1	
7	1	1	1	1	1	1	1	2	3	3	3	3	2	1	1	1	1	2	3	4	5	3	3	3	
8	3	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
9	2	2	2	2	1	2	3	5	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
10	1	1	1	1	1	1	1	2	1	1	1	1	1	2	***	3	4	2	2	2	1	1	1	1	
11	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
13	1	1	1	1	1	1	1	3	4	3	3	2	2	***	5	3	2	2	3	2	2	2	2	2	
14	2	1	1	1	1	1	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
15	3	2	2	2	2	3	3	4	6	5	4	5	5	5	4	4	3	3	5	5	5	6	5	4	
16	1	2	2	2	2	2	2	3	3	2	1	1	1	1	1	4	3	3	3	2	2	2	2	2	
17	4	4	3	4	4	5	7	9	13	7	3	2	***	2	2	3	6	6	5	4	4	4	5	3	
18	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	4	4	2	2	2	2	4	
19	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	3	3	3	3	3	4	4	4	2	
20	3	3	3	3	3	4	5	8	9	6	4	3	3	2	1	1	2	6	4	3	3	4	4	2	
21	1	1	1	1	2	1	2	2	3	2	3	2	3	2	3	2	2	2	2	1	1	1	1	1	
22	1	1	1	0	0	1	2	4	4	4	4	4	3	3	3	4	5	7	6	5	4	4	4	2	
23	4	4	3	3	4	4	5	7	9	7	3	2	2	2	2	2	2	2	2	2	2	2	2	2	
24	1	1	1	1	1	1	1	4	5	4	3	2	2	2	***	***	***	***	***	***	***	***	***	***	
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	2	2	2	2	2	2	2	3	4	3	2	2	2	2	2	2	3	3	3	3	2	2	2	2	

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE												UNITS - PARTS/MILLION													
STATION - NO 33002 PHARMACY AND 401 TORONTO												MONTH - FEB 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
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17																									
18																									
19																									
20																									
21	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	2	3	3	3	3	3	4	6	4	***
22	4	4	3	3	3	2	2	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
23	4	3	2	2	2	2	2	2	2	2	2	2	3	4	4	3	3	3	3	3	3	3	3	3	3
24	2	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	3	4	4	3	3	2	2	2
25	1	1	2	2	2	2	2	2	2	2	3	3	3	3	1	1	1	1	1	1	0	0	0	2	2
26	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1
27	1	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1
MEAN	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - NO 33002 PHARMACY AND 401 TORONTO

MONTH - MAR 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	2	2	2	1	1	2
2	2	2	2	1	1	1	1	1	1	1	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	1	1	1	1	1	1	2	4	4	3	2	2	2	2	2	3	4	4	2	2	2	2	1	1	2
4	1	1	1	1	1	0	2	4	4	3	2	2	2	2	2	3	4	4	2	2	2	2	1	1	2
5	1	1	0	0	1	1	2	3	3	2	2	0	1	1	1	3	5	5	5	5	4	4	4	3	3
6	1	1	1	1	1	1	1	3	3	3	2	2	2	2	2	4	4	4	3	2	2	2	2	2	3
7	3	2	2	2	2	2	2	3	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2
8	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1
9	2	3	3	2	2	2	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2
10	1	1	1	1	1	1	3	7	8	3	2	1	1	1	1	1	1	1	1	4	4	4	4	3	2
11	2	1	0	0	0	0	2	5	8	6	4	2	1	0	1	1	1	1	1	2	2	1	0	0	2
12	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	1	1	1	1	1	1	1	3	3	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
14	1	1	1	1	1	1	1	3	2	2	2	2	2	2	2	3	3	3	3	2	2	2	1	1	2
15	1	1	1	1	1	1	2	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	2	3	3	4	9	8	4	3	3
17	2	2	1	1	1	2	3	4	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	2
18	2	2	1	1	1	2	2	3	2	1	1	1	1	2	2	1	1	2	3	3	2	2	1	1	2
19	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	4	6	5	3	3	2	2	2	1	2
20	1	1	1	1	1	1	2	4	3	2	2	1	2	2	2	3	3	3	3	3	2	2	2	1	2
21	1	1	1	1	1	1	3	4	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	3	2	2	1	0	1	1	1	1
23	1	2	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	4	3	3	3	3	2
24	2	2	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	2	1	1	1	1	1
25	2	2	2	1	1	1	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
27	1	0	0	0	0	1	2	3	3	2	2	2	2	2	2	2	4	3	2	2	2	2	1	1	1
28	1	0	0	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0	0	0	0	0	0	1
29	0	0	0	0	0	0	1	1	1	2	2	2	2	2	2	1	1	1	2	1	1	1	1	1	1
30	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	2	1	2	2	2	2	2	1
MEAN	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1.7

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - NO 33002 PHARMACY AND 401 TORONTO

MONTH - APR 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	3	6	5	3	3	3	2	2	1	3	3	3	3	3	2	2	2	2	2
2	1	0	0	0	0	1	3	5	3	2	2	2	1	1	2	2	2	1	2	2	2	1	1	0	2
3	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	3	3	3	2	1	1	1	1	1	2
4	0	0	0	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1
5	1	1	0	0	0	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2	2	2	2	2	2
7	1	0	0	0	0	0	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	0	0	0	0	1	2	3	3	2	1	1	1	1	1	1	3	2	2	1	1	1	1	1	1	1
10	0	0	0	0	1	3	5	4	2	2	1	1	2	2	2	3	3	2	2	1	1	1	1	1	2
11	1	0	0	0	1	3	4	3	2	1	2	1	2	2	3	3	2	2	2	2	2	2	2	2	2
12	1	1	1	1	1	1	2	2	1	1	2	1	1	1	1	2	2	2	2	2	1	2	2	2	2
13	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	2	2	2	2
14	1	1	1	1	1	2	3	3	2	1	1	1	1	1	1	1	1	1	1	5	4	3	2	2	2
15	1	1	1	1	1	4	5	4	3	2	2	1	1	1	1	2	2	2	2	4	4	4	4	4	3
16	2	2	2	1	1	1	1	4	4	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	4	3	2	2	2	2	3	5	5	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
21	1	1	1	1	0	0	1	2	3	2	1	1	1	1	2	1	3	3	3	3	2	2	2	2	2
22	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	6	5	3	2	2	2	2	2	3	1	1	1	1	1	1	1	1	1	2	3	2	1	1	1	2
24	1	1	1	1	1	1	1	5	4	3	3	3	3	3	3	4	4	4	4	3	2	2	2	2	3
25	1	1	1	1	1	1	1	5	5	4	3	3	3	3	2	3	4	4	4	3	2	2	2	2	3
26	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
27	4	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3
28	1	1	1	1	1	1	5	4	3	2	2	2	2	2	2	3	4	4	3	3	2	2	2	2	2
29	2	2	2	1	1	2	2	2	2	1	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2
30	2	2	2	1	1	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	1	1	1	1	1	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1.8

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - CARBON MONOXIDE										UNITS - PARTS/MILLION															
		STATION - NO 33002 PHARMACY AND 401 TORONTO										MONTH - MAY 75															
HOUR DAY		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	1	1	1	1	1	2	3	3	3	3	3	3	2	3	2	2	3	2	2	2	3	2	3	3	3	3	2
2	2	1	1	1	1	4	6	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2
3	5	4	3	2	2	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2
4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	3	2	1	1	2	2	3	4	3	2	2	2	2	2	2	2	2	2	2	3	5	6	6	6	7	3	3
11	8	8	5	4	4	4	4	3	2	2	3	3	2	2	2	3	3	3	3	4	4	5	4	4	4	4	4
12	4	4	4	4	4	5	10	7	3	3	3	3	3	4	4	2	2	7	5	4	4	4	3	3	3	3	4
13	2	2	2	2	2	3	5	5	4	3	3	3	3	3	3	3	3	2	1	1	1	1	2	3	2	3	3
14	2	2	2	2	2	3	4	5	4	4	4	4	4	4	4	4	4	4	4	5	5	6	6	6	6	6	4
15	4	4	4	4	4	6	7	7	4	4	3	3	3	3	3	3	3	3	4	5	4	4	4	4	4	4	4
16	3	2	2	2	2	3	5	5	4	4	3	3	3	3	3	3	3	5	4	4	4	3	3	3	3	3	3
17	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	4	4	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
20	3	3	3	3	3	3	3	4	4	4	5	4	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3
21	3	4	4	4	4	4	6	5	5	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4
22	3	3	3	3	3	4	6	5	5	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4
23	8	8	6	5	5	5	9	5	5	5	5	5	4	4	4	4	4	4	4	5	6	6	7	7	7	7	5
24	8	5	3	2	2	3	3	4	4	4	4	4	4	4	4	4	4	4	4	5	5	6	7	8	8	8	5
25	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3
26	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2
27	3	3	3	3	3	4	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	2
28	3	3	3	3	3	4	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3
29	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
30	1	1	1	1	1	2	3	5	5	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
31	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	3	3	3	4	4	4	4	4	4	4	4	3
MEAN	3	3	3	2	2	3	5	4	3	3	3	3	2	2	2	3	3	3	4	4	4	4	4	4	4	3	0

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE												UNITS - PARTS/MILLION													
STATION - NO 33002 PHARMACY AND 401 TORONTO												MONTH - JUN 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	3	3	4	3	3	4	4	4	4	4	4	4	4	4	3	3	2	2	3
2	1	1	1	1	2	4	6	5	2	2	2	1	1	0	0	1	1	1	1	1	2	1	1	1	3
3	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	1	1	2
4	6	6	6	4	4	4	5	6	4	3	3	3	3	3	3	3	3	3	3	3	4	5	5	6	2
5	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2
6	4	3	2	2	2	3	4	4	3	2	2	2	3	3	4	3	3	3	3	3	4	4	4	4	3
7	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
8	2	1	1	1	1	1	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	1	1	1	1	1	3	5	4	5	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1
10	3	2	2	2	2	5	7	3	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3
11	3	3	3	3	3	4	5	3	3	2	4	3	4	3	4	4	4	4	4	4	3	2	2	2	3
12	2	3	3	3	3	3	5	7	6	4	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4
13	3	3	3	3	3	4	4	4	4	4	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3
14	6	5	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
15	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
16	3	3	3	3	3	3	4	4	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4
17	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
18	3	3	3	3	3	4	5	5	4	3	3	3	3	3	4	4	5	5	5	5	5	5	5	5	5
19	5	4	4	4	4	6	5	5	4	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
20	3	3	2	2	2	5	6	6	4	3	3	1	1	1	1	2	2	2	2	2	3	3	5	7	3
21	6	4	3	2	1	3	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	3	1
22	3	2	1	0	1	1	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	3	3	2	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
24	3	2	2	2	5	7	6	4	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	2	1	1	1	1	3	6	4	2	1	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2
26	4	3	3	2	3	5	7	5	3	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	1	2	1	2	6	5	4	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4
28	7	6	6	6	6	8	8	8	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
29	6	5	4	4	4	4	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
30	3	3	3	2	3	4	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	3	3	3	2	3	4	4	4	3	3	3	2	3	3	3	3	3	3	3	3	3	3	4	4	3



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

[illegible]

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

[illegible]

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - CARBON MONOXIDE											UNITS - PARTS/MILLION													
	STATION -					NO 33002						PHARMACY AND 401 TORONTO						MONTH - OCT 75							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	1	1	2	3	2	1	1	3	3	3	3	3	5	4	3	2	1	2	1	1	1	2
2	0	0	0	0	1	3	5	3	2	1	2	2	1	2	2	4	3	3	3	3	1	1	2	1	2
3	1	1	1	1	1	1	2	2	1	1	0.00	1	1	1	1	1	1	1	1	1	1	1	1	1	2
4	1	1	1	1	2	4	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	3	2	2	2
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2	1	1	1	1	1	1
6	0	0	0	0	1	2	2	1	2	2	1	0.00	2	0.00	0.00	0.00	2	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	1	6	4	0.00	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	5	8	15	9	5	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8	6	0.00
9	0	0	0	0	0	1	1	1	1	1	1	1	0.00	0.00	0.00	1	1	1	1	1	1	1	0	0	0.00
10	1	1	1	1	1	1	3	4	3	2	1	1	1	1	1	1	2	3	5	3	1	1	2	1	2
11	1	1	1	1	1	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
12	1	1	1	0	2	0	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	2
13	2	2	2	2	2	1	1	1	1	2	1	1	1	2	2	2	2	2	2	2	2	3	4	4	2
14	1	1	1	1	2	6	6	4	3	1	1	0.00	1	1	1	1	1	2	3	4	5	6	4	2	2
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0	0	0	0	0	1	2	2	2	2	1	2	1	2	1	1	2	2	2	1	1	1	1	1	2
17	1	0	0	0	1	3	6	4	2	2	1	1	1	0	1	3	4	3	2	1	1	1	2	1	2
18	1	0	0	1	1	2	2	2	2	2	2	3	2	3	3	3	4	3	3	2	1	1	1	1	2
19	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	3	2	2	2	2	2	1	2
20	1	1	1	1	1	2	6	5	3	2	2	2	2	1	2	2	2	2	2	3	2	2	2	1	2
21	1	1	1	1	1	2	2	2	2	2	2	1	1	2	1	2	2	3	4	3	4	3	2	2	2
22	2	1	1	1	2	5	6	5	4	2	2	0.00	0.00	1	1	2	2	4	2	2	2	2	1	1	2
23	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	2	2	2	3	3	5	5	3	3	2
24	2	2	1	2	2	4	7	6	3	2	1	1	1	1	1	2	2	2	3	3	1	1	1	1	3
25	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
26	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	3	3	1
27	2	3	3	3	3	3	8	11	9	4	3	1	1	1	1	1	1	3	2	4	4	6	4	4	2
28	4	3	2	2	3	2	4	8	5	5	0.00	1	1	1	1	1	1	1	1	0.00	1	1	2	1	4
29	1	0	0	0	0	2	3	3	1	0.00	2	2	2	2	2	2	3	3	3	2	1	1	1	1	2
30	1	1	0	0	0	1	4	2	2	2	2	2	2	2	2	4	6	4	6	4	4	4	4	4	3
31	4	3	2	2	2	2	4	10	7	4	1	1	1	1	1	1	1	2	3	3	3	2	1	1	3
MEAN	1	1	1	1	1	2	4	4	3	2	1	1	1	1	2	2	2	2	3	2	2	2	2	2	1

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
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POLLUTANT - CARBON MONOXIDE												UNITS - PARTS/MILLION													
STATION -		NO 33002										PHARMACY AND 401 TORONTO													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	2	3	3	3	1	1	1	1	1	2	2	3	4	3	2	2
2	2	2	2	2	3	4	5	5	5	4	3	2	2	2	2	2	2	4	3	3	1	1	1	2	2
3	2	1	1	0	0	1	3	4	6	4	2	2	1	1	1	0	2	2	3	1	1	1	1	1	2
4	0	0	0	0	0	1	3	6	6	5	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
5	1	1	1	1	1	1	2	6	6	5	3	2	2	1	0	2	3	4	6	8	5	2	3	1	4
6	3	1	1	1	1	1	1	2	2	2	3	3	4	4	3	3	3	5	7	5	4	6	6	7	3
7	8	4	2	2	1	2	4	4	4	6	0	2	2	2	2	2	2	0	2	1	2	3	6	7	3
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	4	3	3	3	3	5	2
9	7	6	7	7	5	2	1	1	0	0	0	0	0	1	0	1	1	1	1	0	0	0	0	0	2
10	0	0	0	0	0	0	1	2	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
11	1	0	0	1	1	0	1	2	3	2	2	2	2	2	2	2	3	4	5	4	4	7	5	2	2
12	2	2	1	1	1	1	1	4	3	1	1	1	1	1	1	1	1	6	7	8	11	9	3	2	2
13	2	1	0	1	1	1	1	2	4	3	2	2	3	3	3	2	3	3	2	2	1	1	1	1	2
14	1	0	0	0	0	0	0	2	2	2	1	1	1	1	2	2	2	3	3	3	2	2	2	2	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1
16	1	1	1	0	0	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1
17	6	4	2	1	1	1	8	9	1	1	1	1	2	1	1	1	3	4	4	2	2	3	4	1	1
18	2	2	2	1	2	2	9	5	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4
19	2	2	1	0	1	3	1	6	3	4	3	4	3	3	2	2	3	4	2	2	1	2	2	3	4
20	5	5	4	4	3	3	5	14	4	11	9	6	4	4	3	2	3	4	5	8	6	7	7	7	5
21	1	1	1	1	1	0	1	1	3	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
22	1	1	1	0	0	0	0	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	0	0	1	1	5	6	4	3	2	2	1	1	1	4	6	7	2	2	3	2	2	1
25	1	1	1	1	1	1	2	2	3	2	1	2	2	3	3	3	4	4	2	2	2	2	2	2	2
26	0	0	0	1	1	1	2	2	4	4	3	0	1	1	1	1	2	2	3	2	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1
28	1	1	0	0	0	1	2	4	4	3	3	3	3	3	3	3	4	5	6	5	5	6	8	7	3
29	4	7	5	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1	1	0
MEAN	2	2	1	1	1	1	2	3	4	3	2	2	2	2	1	2	2	3	3	3	2	2	2	2	2

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - NO 33002 PHARMACY AND 401 TORONTO

MONTH - DEC 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	4	4	8	5	2	1	1	2	5	4	7	6	5	4	3	2	2	1	3
3	1	0	0	1	1	1	3	6	5	4	3	3	3	2	3	3	6	7	5	4	4	4	3	3	3
4	2	1	1	1	1	1	4	6	5	2	2	2	****	1	1	1	1	1	1	1	1	1	1	1	2
5	1	1	2	1	1	2	6	11	12	11	6	****	3	3	2	2	2	4	2	2	1	1	1	1	3
6	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2	1	2	1	1	1	1	2	2	1
7	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	2	2	2	2	2	2
8	1	1	1	1	1	1	3	5	4	3	3	3	2	2	3	4	4	3	2	2	2	2	2	2	2
9	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	2	1	1	1	1	2	2	1
10	3	3	2	1	1	1	2	5	3	3	3	2	3	3	2	1	2	1	1	1	1	1	1	1	2
11	1	1	1	1	1	1	2	5	5	3	3	3	2	2	2	4	6	6	4	4	4	4	4	3	3
12	2	1	1	1	1	1	3	5	5	3	3	2	3	3	3	3	5	5	3	3	2	2	2	2	3
13	1	1	1	1	1	1	1	1	1	2	2	2	2	3	1	1	1	1	2	****	****	3	3	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
15	0	0	0	0	0	0	1	2	3	2	2	2	2	2	2	2	4	3	2	2	2	1	1	1	2
16	1	1	1	0	0	0	2	5	5	3	3	2	2	2	2	2	2	3	2	2	1	1	1	1	2
17	1	1	1	2	1	1	2	2	2	2	1	2	2	2	2	3	4	3	2	2	1	1	1	1	2
18	1	1	1	1	1	1	2	3	4	3	2	3	2	****	2	4	5	4	3	3	2	2	2	2	2
19	1	1	1	1	1	2	4	5	4	3	3	4	4	4	4	3	5	4	4	3	3	2	2	2	2
20	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	4	4	5	4	4	4	4	5	5	3
22	5	3	3	2	3	3	7	15	10	7	8	7	****	3	3	5	3	3	3	3	2	2	2	2	4
23	2	2	1	1	1	1	3	5	6	3	3	3	3	3	3	5	6	5	3	4	3	3	3	3	3
24	2	2	2	2	2	3	6	9	9	6	5	3	3	3	3	6	3	3	2	2	2	2	1	2	3
25	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3
26	3	2	2	2	2	2	2	2	2	2	4	4	3	3	3	3	3	4	4	5	4	3	4	4	3
27	7	2	2	2	2	2	3	4	4	4	7	3	3	3	3	3	3	3	3	3	3	3	4	4	4
28	3	6	6	6	4	3	3	4	4	5	7	3	****	3	2	2	3	5	6	5	5	3	2	1	4
29	3	3	3	3	2	3	5	9	9	7	6	3	2	2	2	2	2	3	2	2	2	2	2	1	2
30	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31	1	1	1	1	1	1	2	4	4	5	4	4	****	4	4	4	4	4	4	3	3	2	2	1	3
MEAN	2	2	1	1	1	1	3	4	4	3	3	3	2	2	2	3	3	3	3	2	2	2	2	2	2.4

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - NO 33002 PHARMACY AND 401 TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	23	2.3	4	13
FEB	7	1.7	3	6
MAR	31	1.7	3	9
APR	28	1.8	3	6
MAY	31	3.0	5	10
JUN	29	3.1	6	8
JUL	10	5.7	11	15
AUG	DATA UNAVAILABLE			
SEP	24	2.5	7	16
OCT	26	1.9	4	15
NOV	30	2.1	5	22
DEC	31	2.4	4	15
YEAR	270	2.5	11	22

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - NO 33002 PHARMACY AND 401 TORONTO

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 & OVER	TOTAL
JAN	171	299	84	4	0	0	558
FEB	82	83	12	0	0	0	177
MAR	365	317	43	1	0	0	726
APR	320	315	50	0	0	0	685
MAY	82	426	226	3	0	0	737
JUN	90	369	241	0	0	0	700
JUL	12	60	185	47	5	0	309
AUG	DATA UNAVAILABLE						
SEP	277	194	121	16	2	0	610
OCT	350	250	70	4	1	0	675
NOV	360	229	108	8	2	0	707
DEC	244	352	129	8	1	0	734
YEAR	2353	2894	1269	91	11	0	6618

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
82.6	0	0.2	0.8	1.5	2.4	4.2	5.5	7.5	9.0	22	2.5



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION -			NO 33003			LAWRENCE /KENNEDY			SCARBOROUGH			MONTH - JAN 75																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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DATA INVALID -  
DATA INVALID -  
DATA INVALID -

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

	STATION - NO 33003					LAWRENCE/KENNEDY SCARBOROUGH										MONTH - FEB 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	2	1	1	1	0	0	0	0	1	1	1	1	2	1	2	2	4	5	6	5	4	2	2	3	2		
2	2	2	1	1	0	1	1	1	2	3	3	2	2	2	2	3	3	4	3	3	3	2	2	2	2		
3	1	1	1	1	1	1	2	7	5	3	3	3	3	2	2	2	4	4	4	4	2	1	1	1	2		
4	0	0	0	0	0	0	1	1	2	1	1	1	1	1	1	3	4	2	3	3	2	2	2	2	2		
5	1	1	1	1	1	1	2	3	3	3	3	3	4	4	3	3	3	3	2	2	2	3	3	3	5		
6	2	2	2	2	3	3	4	10	11	10	7	6	6	5	5	6	7	6	5	6	6	3	3	2	2		
7	2	2	1	1	1	1	2	3	3	2	2	1	2	2	2	3	2	3	2	1	1	1	1	1	1		
8	1	1	0	0	0	0	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1		
9	1	1	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	2	1	2	2	1	2	2	2		
10	1	1	0	0	0	0	2	5	4	2	2	2	2	2	3	3	4	4	5	3	2	2	2	3	2		
11	2	2	1	1	1	1	1	2	2	2	1	1	1	1	3	2	3	1	2	1	1	1	1	0	1		
12	0	0	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	3	4	3	2	2	2	2		
13	1	1	1	1	1	0	1	9	9	3	2	2	2	2	2	2	3	4	3	3	3	2	1	1	2		
14	1	1	0	0	0	0	1	3	3	2	2	2	2	2	1	0	0	0	0	0	0	0	1	1	1		
15	1	2	2	1	1	1	0	1	0	0	0	0	0	1	1	2	2	2	2	1	3	3	1	2	1		
16	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	1		
17	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
18	1	1	1	1	1	1	2	5	5	4	3	3	3	3	4	4	5	5	4	4	4	3	4	4	3		
19	3	2	2	2	2	2	2	5	5	4	3	3	3	3	3	3	3	5	4	4	3	2	2	2	3		
20	1	1	1	1	1	1	2	5	4	3	3	2	3	3	2	3	3	3	2	2	2	2	2	3	2		
21	2	1	1	1	2	2	4	8	7	5	5	4	3	3	3	3	4	6	4	5	6	7	5	4	4		
22	3	3	2	2	1	1	1	1	2	1	1	2	2	2	3	3	3	3	3	3	2	2	2	2	2		
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	1		
24	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1		
25	0	0	0	0	0	0	1	2	2	1	1	1	1	1	1	2	2	3	2	2	1	1	1	0	1		
26	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	0	1		
27	0	0	1	1	1	1	1	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1		
28	1	1	0	0	0	1	1	2	2	1	1	1	1	1	2	1	2	2	1	1	1	1	1	1	1		
MEAN	1	1	1	1	1	1	1	3	3	2	2	2	2	2	2	2	3	3	2	3	2	2	2	2	1.9		

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

	POLLUTANT - CARBON MONOXIDE												UNITS - PARTS/MILLION												
	STATION -			NO 33003			LAWRENCE/KENNEDY			SCARBOROUGH			MONTH - MAR						75						
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	0	0	0	1	1	1	1	2	2	2	2	2	2	1	2	2	2	2	1	1	1
3	1	0	0	0	0	0	1	5	3	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1
4	1	0	0	0	0	0	2	4	3	2	2	2	2	1	1	1	2	2	1	1	1	1	1	1	2
5	1	0	0	0	0	0	2	5	3	2	1	***	***	3	1	1	2	2	2	1	1	1	1	1	1
6	1	1	0	0	0	0	1	4	4	2	2	2	2	2	2	2	3	3	3	5	3	4	3	3	2
7	2	1	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1	2	2	2	2	1	1	1
8	1	0	0	0	0	0	0	1	1	1	2	3	2	3	2	2	2	2	2	2	1	1	1	1	1
9	1	1	2	2	2	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
10	1	0	1	0	0	1	3	7	4	2	1	1	1	0	0	0	0	0	0	1	3	3	3	5	2
11	5	2	1	1	1	1	1	2	3	4	2	1	***	***	1	1	0	0	0	1	0	***	0	0	1
12	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	3	5	5	3	3	2	2	2	2	2
13	1	1	1	1	1	1	1	2	2	2	1	1	2	2	***	***	5	4	4	4	3	2	1	1	0
14	1	0	0	0	0	0	0	0	0	0	0	0	***	***	0	1	1	1	4	0	0	1	0	0	2
15	1	0	1	0	0	1	1	2	2	2	2	2	2	2	2	2	1	1	2	2	1	1	1	1	1
16	0	1	0	0	0	0	0	1	1	1	1	1	2	2	2	2	2	1	2	2	1	1	1	1	1
17	1	1	0	0	0	0	1	1	1	1	1	1	2	2	2	2	2	3	4	4	14	12	6	3	3
18	1	0	0	0	0	0	1	1	2	1	1	1	2	1	0	1	1	0	0	0	0	1	1	1	1
19	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	1	1	1
20	2	1	1	1	1	1	2	5	4	2	2	2	***	***	3	3	3	3	3	4	3	3	2	2	3
21	2	1	1	1	1	1	2	2	2	2	2	2	1	2	1	1	2	1	1	1	1	1	1	1	1
22	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	4	5	3	3	3	2	2	2	2	1
23	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	2	1	1	1	1	1	1
24	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	3	3	3	2	2	4	7	5	3	3	3	3	3	3	3	4	3	3	3	3	2	3	3	3
26	1	1	1	1	1	1	2	4	3	2	2	2	2	2	2	3	4	3	3	4	3	3	3	3	3
27	1	1	1	1	1	1	2	2	2	2	1	1	***	***	***	2	3	4	5	4	3	3	2	2	2
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	3	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2
30	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	2	3	2	2	1	2	2	2	2	2	2	2	2	3	2	2	2	2	2
MEAN	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
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[illegible]

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - CARBON MONOXIDE												UNITS - PARTS/MILLION													
	STATION -												MONTH - MAY 75													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	0	0	0	0	0	1	1	1	0	0	0	****	0	0	0	1	1	1	1	1	1	2	1	1	
2	1	1	1	1	2	3	3	1	1	1	1	1	2	2	2	2	2	3	3	2	3	3	4	4	2	
3	3	3	2	1	1	2	2	1	1	1	2	1	1	1	1	****	****	****	****	****	****	****	****	****	****	
4													- DATA INVALID	-	-											
5													- DATA INVALID	-	-											
6													- DATA INVALID	-	-											
7													- DATA INVALID	-	-											
8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	4	5	4	3	1	****	
9	1	0	0	0	1	2	2	1	1	1	1	0	0	0	1	1	1	2	5	4	2	2	1	2		
10	1	1	1	1	1	1	2	1	1	2	1	1	1	1	1	1	1	1	3	4	3	4	6	2		
11	6	8	5	4	4	3	2	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	1	2		
12	1	1	1	2	2	2	2	1	0	1	1	1	0	0	1	2	1	1	4	1	1	2	1	1		
13	0	0	0	0	0	2	4	3	1	1	1	1	1	2	3	3	3	3	3	2	2	2	2	2		
14	2	1	1	1	1	3	5	5	3	2	2	2	2	1	1	1	1	2	2	3	3	3	1	2		
15	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2	3	2	2	1	1		
16	1	1	0	1	1	1	2	2	2	2	2	2	2	2	2	3	3	2	3	3	2	2	2	2		
17	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
18	1	1	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2		
19	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	2		
20	2	1	1	2	1	2	4	3	3	3	2	2	2	2	2	2	2	2	2	3	2	2	2	2		
21	2	2	2	2	2	2	4	5	4	3	2	2	****	2	2	3	2	2	2	3	2	2	1	2		
22	1	1	1	1	1	1	5	5	3	3	3	3	2	2	2	2	2	2	2	3	4	4	4	3		
23	5	4	3	2	1	2	3	2	2	2	1	1	1	1	1	1	1	1	3	4	5	4	5	3		
24	7	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	4	2	1		
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
26	1	2	1	1	1	2	3	3	2	2	2	1	1	1	1	3	3	2	3	3	3	2	2	1		
27	1	1	1	1	1	1	2	2	1	1	1	1	****	2	2	2	2	2	2	2	2	2	1	1		
28	1	1	1	1	1	2	4	3	2	1	1	2	1	1	1	2	2	2	4	4	3	4	4	2		
29	4	3	2	1	2	1	2	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1		
30	0	0	0	0	0	1	2	4	4	3	2	2	1	1	2	4	4	1	1	1	1	2	2	2		
31	1	1	0	0	0	1	1	2	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1		
MEAN	2	2	1	1	1	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	1.7		

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - CARBON MONOXIDE												UNITS - PARTS/MILLION												
	STATION -												MONTH - JUN 75												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	0	0	0	1	1	0	0	0
2	0	0	0	0	2	3	2	1	1	2	***	***	2	2	2	2	2	2	3	3	3	1	2	1	2
3	1	1	1	1	1	1	2	1	1	1	0	0	1	1	1	0	1	1	2	4	4	5	5	1	2
4	5	4	4	4	4	6	5	4	2	2	2	1	***	2	2	2	2	2	2	2	2	3	2	1	2
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	5	6	6	5	3	3
6	3	3	2	2	3	5	5	3	2	2	2	2	2	2	2	4	2	2	2	2	1	1	1	1	2
7	1	1	0	0	0	1	1	1	1	1	2	2	1	1	1	2	2	1	1	1	1	1	1	1	1
8	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	1
9	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	1	0	0	1	3	3	1	0	0	***	***	1	1	1	1	1	1	1	2	2	1	1	1	1
11	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1	1
12	1	1	1	1	1	1	4	3	2	2	2	2	2	1	2	2	2	2	3	4	2	1	1	1	2
13	1	1	1	1	1	2	3	3	2	2	***	2	2	2	2	3	3	3	3	5	5	5	6	3	3
14	3	3	2	1	1	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2
15	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	2	3	2	1	2	2	2	2	2	2	3	2	2	2	3	3	2	3	2	2
17	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	2	3	3	2	1	1	1	***	1	2	2	3	2	2	3	4	4	2	2	2
19	1	1	1	1	1	1	3	3	3	3	3	3	0	2	2	3	2	3	3	3	3	3	3	1	2
20	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1	0	2	3	3	4	5	5	1
21	5	4	3	2	2	1	1	0	0	0	0	0	0	0	0	0	1	0	0	1	1	2	2	2	1
22	2	2	1	1	1	1	0	1	2	2	1	2	2	1	1	1	1	1	2	2	2	2	2	2	2
23	1	1	1	1	1	3	5	4	4	3	2	2	2	2	2	3	3	3	3	4	2	2	2	1	2
24	1	1	0	0	1	4	5	4	2	2	1	1	1	2	3	4	3	4	3	3	2	2	1	1	2
25	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	2	3	2	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	5	1	1
29	3	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	2	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	5	4	1
MEAN	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	1	1	2	2	2	2	2	2	1.5

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE													UNITS - PARTS/MILLION												
STATION -													MONTH - JUL 75												
NO 33003													LAWRENCE/KENNEDY SCARBOROUGH												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	1
2	2	2	2	2	1	4	5	4	2	2	2	2	1	1	2	2	2	2	2	1	1	1	1	1	2
3	1	1	1	1	1	3	4	2	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
4	1	1	0	0	1	1	1	1	1	1	1	1	1	2	2	3	2	1	1	2	2	1	1	1	1
5	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
6	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	4	2	1	1
7	0	0	0	0	0	1	3	2	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1
8	3	2	1	1	2	4	5	4	3	2	2	1	1	1	1	1	2	2	2	3	3	2	3	2	2
9	1	1	1	1	1	4	4	3	2	2	1	1	1	2	3	3	2	2	3	3	3	2	1	1	2
10	1	1	1	1	1	3	2	1	1	1	1	1	1	2	1	1	1	2	3	4	4	5	3	1	2
11	1	1	1	1	1	4	3	2	2	2	2	2	2	3	3	3	2	2	3	3	2	1	4	5	2
12	4	2	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1
15	1	1	1	1	2	3	4	3	3	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2
16	2	1	2	2	3	4	5	4	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	3	2	1	1	2	4	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	2	2	2	4	5	3	3	2	2	1	1	1	1	1	1	1	2	3	3	2	2	2	2
19	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	2	2	2
20	2	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	4	4	3	1	1
21	0	0	0	0	0	2	3	2	1	2	1	1	1	1	3	3	2	2	3	2	1	1	0	0	1
22	0	0	0	0	0	1	3	2	1	1	1	1	1	1	1	1	1	1	3	3	2	2	2	2	1
23	2	1	0	0	1	2	4	2	1	1	1	1	1	2	2	2	2	2	3	3	2	2	2	2	1
24	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	3	3	2	2	2	2	2
25	1	0	1	1	1	2	3	2	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	1	2
26	2	1	1	1	1	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2
27	4	3	2	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	3	3	4	3	3	5	2
28	1	1	1	1	1	1	3	3	1	1	1	1	1	1	1	1	1	1	2	2	3	2	2	1	2
29	1	1	1	1	2	4	5	6	4	3	2	2	1	1	1	1	1	1	3	3	2	2	2	1	1
30	2	2	1	1	2	3	5	4	3	4	3	2	2	1	1	2	2	2	2	3	3	4	4	3	3
31	2	1	1	1	1	2	4	3	2	2	2	2	2	2	2	2	2	2	3	4	5	6	4	3	3
MEAN	2	1	1	1	1	2	3	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE													UNITS - PARTS/MILLION												
STATION - NO 33003 LAWRENCE/KENNEDY SCARBOROUGH													MONTH - AUG 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	2	2	3	3	2	2	2	2	1	1	2	2	2	3	3	4	6	5	3	2
2	3	2	1	2	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	2	3	4	3	1	2
3	1	1	1	0	0	0	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	3	4	4	1
4	3	1	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	3	4	4	1
5	2	1	1	1	1	2	3	3	2	2	2	2	2	1	1	2	2	2	2	4	3	4	4	3	2
6	1	1	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	0	2
7	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	3	3	4	2	1	1
8	3	2	1	1	2	4	5	3	2	2	2	2	2	2	3	3	2	2	3	4	5	4	4	4	2
9	3	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	4	4	3	3	3
10	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	2	2	2
11	1	1	0	0	1	2	3	2	2	2	2	2	2	2	2	2	1	3	3	2	2	3	2	2	2
12	2	1	1	1	1	4	4	3	2	1	2	3	2	1	1	2	1	3	3	2	3	4	3	2	2
13	3	2	1	1	1	2	3	2	3	2	3	2	3	2	2	3	2	4	3	3	3	2	1	1	1
14	0	0	0	0	0	2	3	2	1	1	1	1	2	2	1	4	3	4	3	4	3	3	2	1	2
15	1	1	1	1	2	3	6	5	4	1	1	1	1	1	1	1	1	0	0	1	1	1	2	1	2
16	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	2	1
17	3	3	3	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	2	2	1	0	1
18	0	0	0	0	1	2	2	1	1	1	1	2	1	1	2	2	1	2	1	1	1	1	1	0	2
19	1	1	1	1	1	4	5	3	1	1	1	1	1	2	3	4	3	3	3	3	3	3	3	3	2
20	****	1	****	****	****	4	5	3	****	****	****	****	****	2	3	4	3	4	3	3	3	3	3	3	2
21	1	1	1	1	2	4	5	4	3	3	3	****	2	3	3	3	4	5	5	3	2	2	1	1	3
22	1	1	1	1	1	3	3	2	3	3	2	3	3	2	1	1	1	3	3	4	5	6	4	3	3
23	4	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	2	2	2	2	3	2	2	2	1	2	2	2	4	4	3	4	3	2	2
25	1	1	1	1	1	3	5	4	3	3	3	3	2	2	****	3	3	3	3	3	4	****	****	****	3
26	****	****	****	****	****	1	4	4	3	4	3	3	3	2	3	4	5	2	3	4	5	4	2	1	3
27	1	1	0	0	1	3	3	2	2	2	2	2	2	3	3	3	3	3	4	4	5	4	2	1	3
28	4	3	2	1	3	5	7	5	3	3	3	3	2	2	3	2	3	2	3	3	4	3	4	2	3
29	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	0	0
30	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	2	1	1	1	1	2	3	2	2	2	2	2	1	1	2	2	1	2	2	2	2	3	2	2	1.8

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH - SEP 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	1	0
2	0	1	1	1	2	4	7	4	2	2	2	2	2	2	2	4	3	2	2	3	2	2	3	3	2
3	2	1	1	1	1	2	5	4	2	2	2	2	2	2	2	3	3	2	2	3	3	4	3	4	3
4	4	3	2	1	1	2	7	5	4	2	2	2	2	2	2	4	3	3	3	3	3	2	2	2	3
5	2	2	1	1	2	7	7	4	5	4	4	3	3	3	3	8	8	6	6	3	3	2	1	1	4
6	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	3	3	3	2
7	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
8	1	1	1	1	2	4	5	4	2	2	2	2	2	2	2	3	2	2	2	2	1	2	2	1	2
9	1	1	1	1	1	3	5	3	3	2	2	2	2	2	2	3	3	4	4	4	3	3	3	3	3
10	3	2	2	2	3	7	8	5	5	4	3	2	2	2	2	2	2	1	2	2	1	1	1	1	3
11	2	2	2	2	2	3	5	4	2	2	2	2	2	2	3	4	3	3	3	2	3	3	2	1	3
12	1	1	1	1	1	2	5	4	3	3	3	3	3	3	3	5	5	4	5	4	3	2	2	3	3
13	2	1	1	1	1	2	2	3	3	2	3	4	3	3	2	2	2	3	4	4	2	2	5	4	2
14	3	2	1	1	1	1	2	1	2	2	1	2	2	2	1	1	1	2	3	4	4	6	5	4	2
15	3	3	3	3	4	6	9	9	6	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16																									
17																									
18																									
19	1	1	1	1	1	2	5	5	4	3	3	3	3	3	3	3	3	3	5	4	3	3	2	2	3
20	2	2	2	2	1	2	2	2	3	2	3	3	2	2	2	2	3	3	2	2	3	3	4	3	2
21	2	2	2	1	1	1	1	2	2	2	1	2	1	2	1	1	1	2	2	2	1	1	1	1	1
22	1	1	1	1	3	4	4	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	3	3
23	2	2	2	2	2	5	6	3	4	2	3	2	2	2	3	4	3	3	3	3	3	2	2	1	3
24	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1
26	0	0	0	0	1	1	2	2	1	2	3	3	3	3	4	4	4	4	4	4	4	4	2	2	2
27	2	1	1	1	1	1	2	2	3	2	2	3	3	3	2	3	3	3	3	4	5	7	10	9	4
28	3	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	3
29	3	3	3	3	4	6	9	8	4	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3
30	1	1	2	1	2	2	4	4	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3
MEAN	2	1	1	1	2	3	4	3	3	2	2	2	2	2	2	3	2	2	3	3	3	3	2	2	2.3

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH - OCT 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	2	3	4	4	3	3	3	3	3	3	3	4	4	4	4	4	3	2	2	2	3
2	1	1	1	1	1	3	5	4	3	3	3	3	4	2	2	4	4	4	4	4	3	3	3	3	3
3	2	2	2	2	2	3	4	4	3	3	3	3	2	2	2	3	3	2	3	2	3	3	2	2	3
4	2	2	2	2	2	3	5	5	4	3	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2
5	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	1	1	1	1	1	3	3	3	3	2	2	2	2	2	2	3	3	3	3	3	4	6	8	7	3
7	1	1	1	1	1	3	4	2	2	2	1	1	1	1	1	2	3	3	2	1	1	1	1	1	4
8	7	5	5	5	6	5	11	14	6	6	4	4	2	1	2	2	2	2	2	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	2	3	7	6	4	3	3	3	3	3	3	4	4	5	5	3	3	3	4	2	3
11	3	2	2	2	2	4	3	3	3	3	3	3	3	3	3	3	2	3	3	2	2	2	2	2	3
12	2	2	2	2	1	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	5	5	5	3
13	4	4	3	3	3	3	3	3	2	2	1	1	1	1	1	1	1	2	2	2	2	3	4	5	2
14	3	2	2	2	3	4	6	5	4	4	3	3	3	3	3	4	4	4	4	3	3	3	2	1	3
15	4	4	3	2	3	4	6	5	4	3	2	2	2	2	2	4	4	3	3	4	3	3	3	2	2
16	1	1	1	1	1	2	4	3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
17	2	2	1	1	1	2	5	3	2	2	1	1	1	1	1	2	2	2	2	2	1	1	1	1	2
18	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1
20	1	1	1	1	2	2	4	4	4	4	4	3	3	3	3	4	4	3	3	3	3	3	2	2	3
21	2	1	1	1	2	3	4	4	3	3	3	3	3	3	3	3	2	3	3	2	2	2	2	2	3
22																									
23																									
24																									
25	2	1	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2
26	4	3	3	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	3	3	4	4	4	2
27	4	4	4	4	4	4	6	11	11	3	3	3	3	3	2	3	3	3	3	2	5	5	5	7	4
28	5	4	4	5	3	4	6	8	7	6	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3
29	2	1	1	1	1	1	3	4	4	3	3	3	3	3	3	3	4	4	4	4	6	6	5	4	3
30	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	3	5	4	4	6	5	5	4	5	3
31	4	3	3	2	1	2	3	6	7	3	2	2	2	2	2	2	2	3	4	3	2	3	2	2	3
MEAN	2	2	2	2	2	2	4	4	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2.6

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
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3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE												UNITS - PARTS/MILLION												
STATION -												MONTH - NOV 75												
NO 33003	LAWRENCE/KENNEDY SCARBOROUGH											13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3
2	4	4	3	3	3	4	4	3	3	3	4	4	4	4	3	4	5	5	3	2	2	2	4	3
3	3	2	2	2	2	2	4	6	4	4	4	4	4	4	3	4	5	5	3	2	2	2	2	3
4	1	1	1	1	1	1	4	5	4	3	2	2	2	2	3	4	4	4	3	3	2	2	2	3
5	3	2	3	2	2	2	4	7	5	3	3	3	3	3	3	5	5	4	3	3	3	2	2	3
6	3	2	3	1	3	2	3	4	4	4	4	5	5	4	4	6	7	8	8	5	4	4	4	4
7	6	3	3	3	3	2	3	3	4	4	3	3	3	3	4	4	9	9	6	6	7	7	8	5
8	3	2	2	1	1	1	2	2	3	3	3	2	2	2	2	6	3	3	3	3	3	3	3	3
9	8	8	7	8	6	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
10	1	1	1	1	1	1	2	1	2	1	1	2	2	2	2	2	3	2	2	1	1	1	1	2
11	1	1	1	1	1	1	2	4	4	3	2	2	3	3	4	5	6	5	5	4	5	5	5	3
12												DATA INVALID	DATA INVALID											
13												DATA INVALID	DATA INVALID											
14	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
15	3	3	2	2	1	2	2	3	3	3	3	4	3	3	3	4	6	6	5	5	3	3	2	3
16	3	3	3	1	1	2	2	2	2	3	3	3	3	3	3	4	5	6	5	4	4	5	7	3
17	3	3	2	2	3	3	4	8	10	7	5	5	5	4	4	4	6	5	4	4	3	3	3	4
18	3	3	3	3	3	5	6	14	19	10	5	3	3	3	4	3	3	3	3	3	3	3	3	5
19	3	3	3	3	3	2	2	3	4	3	4	5	4	3	4	5	6	5	5	6	6	7	5	4
20	5	5	5	5	5	5	5	9	12	8	6	4	4	3	3	3	3	2	2	2	2	2	2	4
21	2	2	2	2	2	3	4	5	3	3	3	3	***	3	4	6	5	3	3	3	2	2	2	3
22	2	2	1	1	1	1	2	3	3	3	2	2	3	3	3	3	3	2	2	2	2	2	2	3
23	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
25	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2
26	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2
27	1	2	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
28	2	2	2	2	2	2	4	4	4	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3
29	5	6	5	4	3	1	1	1	1	1	1	1	1	1	5	9	8	6	7	8	8	9	9	5
30	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	3	3	2	2	2	3	4	4	3	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3 0

- NOTES 1. \*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE												UNITS - PARTS/MILLION												
STATION -												MONTH - DEC 75												
NO 33003	LAWRENCE/KENNEDY SCARBOROUGH											13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	3	4	3	3	3	3	3	3	2	2
2	2	2	2	2	2	2	4	6	4	4	2	2	2	2	4	6	7	6	5	5	5	4	3	4
3	2	1	1	1	1	2	4	6	4	4	2	2	2	2	4	7	7	7	5	5	5	4	3	4
4	2	2	2	2	2	3	4	4	3	3	3	4	3	2	2	2	2	2	2	2	2	2	2	2
5	2	2	2	2	2	3	4	10	10	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	3	2	2	2	2	3	3	3	3	3	4	4	4	4	5	6	6	4	4	3	3	3	3	4
7	2	2	1	1	1	1	3	3	3	3	4	4	4	4	4	5	4	3	2	2	2	2	2	3
8	1	1	1	1	1	2	3	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	1	1	1	1	1	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	4	4	3	2	2	6	2	4	3	3	3	3	3	3	3	3	3	3	3	3	3	4	2	3
11	2	2	2	2	2	4	7	5	4	3	3	3	3	4	5	8	6	6	7	4	4	4	3	4
12	3	2	1	1	1	2	3	3	2	3	2	2	2	2	2	4	4	3	3	2	2	2	2	2
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	1	1	1	1	1	3	4	5	3	3	3	3	3	4	5	5	4	4	3	3	3	3	3
16	2	1	1	1	1	1	3	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
17	2	3	2	2	2	4	7	5	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
18	2	1	1	1	1	1	2	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
19	1	1	1	1	1	2	6	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1
21	2	2	1	1	1	1	1	1	2	2	3	3	3	2	2	4	5	5	3	5	5	5	6	3
22	4	3	2	2	2	3	18	19	10	11	***	7	7	5	4	7	7	7	5	4	3	4	4	6
23	3	2	2	2	2	3	7	7	4	4	5	4	4	4	4	7	6	6	5	5	5	3	2	4
24	1	1	1	1	1	2	5	7	7	4	4	4	3	2	10	4	3	2	2	2	2	2	2	3
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2
26	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3
27	4	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	4	3	3	3	4	3
28	7	6	6	6	7	6	2	5	3	5	5	5	4	4	5	5	5	5	7	7	5	5	6	4
29	4	4	4	4	4	5	8	11	9	5	6	6	6	5	4	5	5	5	6	6	5	5	6	6
30	2	2	2	2	2	2	3	3	3	3	3	3	3	3	4	5	7	8	6	5	3	2	3	5
31	2	2	1	1	1	2	4	6	5	6	6	4	2	2	3	4	3	3	3	3	2	2	1	3
MEAN	2	2	2	2	2	3	5	4	4	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3 0

- NOTES 1. \*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	27	2.4	4	12
FEB	27	1.9	5	11
MAR	31	1.6	3	14
APR	28	1.6	3	6
MAY	25	1.7	3	8
JUN	30	1.5	3	6
JUL	31	1.7	3	6
AUG	30	1.8	3	7
SEP	26	2.3	4	10
OCT	27	2.6	5	14
NOV	27	3.0	5	19
DEC	31	3.0	6	19
YEAR	340	2.1	6	19

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 & OVER	TOTAL
JAN	226	311	110	9	0	0	656
FEB	318	254	71	5	0	0	648
MAR	401	287	39	1	1	0	729
APR	337	323	14	0	0	0	674
MAY	320	246	52	0	0	0	618
JUN	454	213	46	0	0	0	713
JUL	367	321	51	0	0	0	739
AUG	356	296	67	0	0	0	719
SEP	195	354	87	5	0	0	641
OCT	150	381	135	4	1	0	671
NOV	105	377	162	9	2	0	655
DEC	106	414	207	8	2	0	737
YEAR	3335	3777	1041	41	6	0	8200

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
93.6	0	0.1	0.7	1.3	2.0	3.5	4.4	5.8	7.0	19	2.1



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE														UNITS - PARTS/MILLION											
STATION - NO 34002 SC CTR 770 DON MILLS RD TORONTO														MONTH - JAN 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	3	3	3	3	2	2	1	1	0	1	1	1	1	0	0	0	0	1	0	0	1	1	1
2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	2	3	3	4	4	3	2
3	1	1	1	2	2	1	2	3	2	1	2	2	****	****	****	****	****	****	****	****	****	****	****	****	****
4													DATA INVALID	-											
5													DATA INVALID	-											
6													DATA INVALID	-											
7													DATA INVALID	-											
8													DATA INVALID	-											
9	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	2	2	2	3	3	3	2
10	2	2	2	2	2	2	2	3	3	2	2	2	1	1	2	1	2	1	2	2	2	2	1	1	2
11	1	1	1	1	1	1	1	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
12													DATA INVALID	-											
13													DATA INVALID	-											
14													DATA INVALID	-											
15													DATA INVALID	-											
16	****	****	****	****	****	****	****	****	****	****	****	****	2	2	3	****	1	3	2	2	2	1	1	1	****
17	1	1	1	2	2	1	2	4	7	5	1	1	1	1	1	2	2	2	3	2	2	3	2	2	2
18	2	2	3	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2
19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2
20	1	0	0	0	1	0	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	2	2	2	2	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
22													DATA INVALID	-											
23	****	****	****	****	****	****	****	****	****	****	****	****	2	2	1		1	2	2	2	2	2	2	2	****
24	2	2	2	2	2	2	2	3	4	4	3	3	2	3	3	3	4	3	4	4	4	3	3	3	3
25	3	3	3	2	2	3	3	2	3	2	2	2	2	2	2	2	2	2	3	2	1	1	1	1	2
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	2	1	1
27	2	2	2	2	2	2	2	3	4	3	1	1	****	1	0	1	1	1	1	1	1	2	2	2	2
28	2	2	2	2	2	2	2	3	4	4	3	3	4	2	2	1	2	2	2	2	2	2	2	2	2
29	3	2	2	2	2	2	2	2	3	3	3	2	2	3	2	1	2	2	1	1	1	1	1	1	1
30	1	1	2	2	1	1	1	****	****	****	****	1	1	1	1	1	1	2	1	2	2	3	3	3	2
31	2	2	2	2	2	2	2	3	4	3	3	2	1	1	1	1	1	2	1	1	1	1	1	1	2
MEAN	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	1.8

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE														UNITS - PARTS/MILLION											
STATION - NO 34002 SC CTR 770 DON MILLS RD TORONTO														MONTH - FEB 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	2	2	1	1	1	1	1	1	****	****	0	0	0	0	1	2	1	1	1	2	1
2	1	1	2	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	2	1	1	1	1
3	1	1	1	1	1	1	1	1	2	1	1	1	0	0	1	0	1	1	1	1	1	1	1	1	1
4	1	1	0	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	****	****	****	****	****	****	1
5													DATA INVALID	INVALID	-										1
6													DATA INVALID	INVALID	-										1
7	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	1	1	1	1	1	1	1	1	1	****
8	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
9	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
10																1	1	1	2	1	1	1	1	1	****
11	3	2	2	1	1	1	1	2	3	2	2	1	1	1	1	2	2	3	2	2	2	2	2	1	2
12	1	1	1	1	1	1	1	1	2	2	1	2	2	1	1	2	2	2	2	2	2	2	1	1	2
13	1	1	1	1	1	1	1	1	2	2	1	1	1	****	1	1	1	2	1	2	2	2	2	1	2
14	1	2	2	2	2	1	2	2	2	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	1
15	2	2	3	2	2	2	2	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
16	2	2	2	1	1	2	1	1	3	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
17	2	2	2	2	2	1	2	1	2	2	1	1	1	1	1	0	1	1	2	2	3	2	3	3	2
18	3	2	3	3	2	2	3	3	3	3	2	2	2	1	****	2	2	2	2	2	3	3	2	3	2
19	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	****	****	****	****	****	****	****	****	****
20	3	****	****	****	****	****	****	****	****	****	****	****	****	1	1	2	2	2	2	3	3	3	3	3	2
21																1	1	1	1	1	1	1	1	1	
22	1	5	6	5	5	4	1	2	3	4	3	1	1	1	1	1	0	2	1	2	3	3	4	5	****
23	6												1	1	1	1	1	1	1	1	1	1	1	1	****
24	****	****	****	****	****	****	****	****	****	****	****	****	2	DATA INVALID	INVALID	-									2
25	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	0	1	0	1	1	1	1	1	1	1
27	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	1	0	0	1	1	1	1	1	1	1
28	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	2	1	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

[illegible]

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE													UNITS - PARTS/MILLION												
STATION -		NO 34002		SC CTR 770		DON MILLS		RD TORONTO		MONTH - MAY 75															
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA INVALID -												
2													- DATA INVALID -												
3													- DATA INVALID -												
4													- DATA INVALID -												
5													- DATA INVALID -												
6													- DATA INVALID -												
7													- DATA INVALID -												
8													- DATA INVALID -												
9													- DATA INVALID -												
10													- DATA INVALID -												
11													- DATA INVALID -												
12													- DATA INVALID -												
13													- DATA INVALID -												
14													- DATA INVALID -												
15													- DATA INVALID -												
16													- DATA INVALID -												
17													- DATA INVALID -												
18													- DATA INVALID -												
19													- DATA INVALID -												
20													- DATA INVALID -												
21													- DATA INVALID -												
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1	1	1	1	2	3	3	.....	
23	3	3	3	2	2	1	2	3	3	2	1	1	0	0	0	0	0	1	1	2	3	4	5	2	
24	5	5	3	2	0	1	1	1	1	1	1	1	0	1	0	0	0	1	1	3	4	2	1	1	
25	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	
26	1	2	1	1	1	1	1	1	2	1	1	1	1	1	0	1	1	1	1	0	0	1	1	1	
27	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	3	3	3	1	
29	3	3	3	3	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
30	1	1	1	1	1	1	2	4	5	2	2	1	1	1	1	2	2	1	1	2	2	2	1	2	
31	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
MEAN	2	2	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - CARBON MONOXIDE														UNITS - PARTS/MILLION											
	STATION -														MONTH - JUN 75											
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
2	1	1	1	1	1	1	1	1	2	2	2	1	***	***	0	0	1	1	1	1	1	1	1	1	1	
3	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	1	
4	4	4	4	4	4	4	4	1	1	0	1	1	1	1	1	1	1	1	1	1	3	3	3	4	1	
5	1	0	0	0	0	1	1	1	1	1	1	1	***	1	1	1	1	1	1	1	1	1	1	1	2	
6	3	1	1	1	1	2	3	1	1	1	0	0	1	1	1	1	1	2	1	2	3	4	4	5	1	
7	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
9	1	1	1	1	1	1	2	2	1	1	1	1	***	1	1	1	1	1	1	1	1	1	1	1	1	
10	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	
11	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	
12	1	1	1	1	1	2	3	3	3	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	
13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
14	5	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	4	4	2	
15	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	
16	0	0	0	0	0	0	0	0	0	1	1	0	1	***	***	0	0	1	1	1	1	1	1	1	0	
17	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	
18	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
19	2	2	1	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
20	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	
21	4	4	5	5	4	4	3	2	1	1	1	1	0	0	0	0	1	1	1	1	1	3	3	3	2	
22	3	3	3	3	2	2	2	2	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	
23	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	0	1	1	1	1	0	0	0	1	1	
24	0	0	0	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
25	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
26	4	4	4	3	3	3	3	3	2	1	***	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
27	0	1	1	1	1	1	2	1	1	1	***	1	1	1	1	1	1	1	0	1	0	1	1	1	2	
28	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	
29	3	3	3	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	
30	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
MEAN	2	2	2	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	

- NOTES 1. \*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - CARBON MONOXIDE												UNITS - PARTS/MILLION												
	STATION - NO 34002 SC CTR 770 DON MILLS RD TORONTO												MONTH - JUL 75												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	3	3	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2
2	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
4	1	1	1	1	1	1	2	2	2	1	1	***	***	***	***	1	1	1	1	1	2	1	1	1	1
5	3	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	3	3	3	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
7	3	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
8	3	3	3	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
16	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
17	3	3	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
18	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
19	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
20	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
21	4	3	3	2	2	2	3	3	3	3	3	2	2	3	***	1	0	0	0	1	1	1	1	1	2
22	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
23	1	2	1	1	1	1	2	2	2	1	1	1	1	1	1	2	1	2	2	3	2	2	2	2	2
24	3	2	2	2	2	2	2	2	2	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1
25	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	2	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
29	2	1	1	1	1	1	2	2	3	3	3	1	1	1	1	1	1	1	1	1	2	2	2	2	1
30	2	2	2	2	2	2	3	3	2	2	2	1	1	1	1	1	2	1	2	2	2	3	3	2	2
31	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.9

- NOTES 1. \*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - NO 34002 SC CTR 770 DON MILLS RD TORONTO

MONTH - AUG 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	3	2	2	3	3	3	3	2	1	1	1	1	1	2	2	2	2	2	3	3	3	2
2	4	4	4	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3
3	4	4	4	4	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3
4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2
5	3	3	3	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	0	1	1	1	3	3	3	3	1
8	3	3	2	2	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	2	2	1	1	1	1	1	2	1
12	2	2	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	1
13	2	2	2	2	2	2	2	1	1	1	1	0	1	1	0	0	1	2	2	1	1	1	1	1	1
14	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
15	2	1	1	1	1	1	1	3	3	3	3	1	1	1	1	2	1	1	1	1	1	1	2	2	1
16	2	2	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
17	2	3	2	2	2	2	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1
19	1	1	1	1	1	1	2	1	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	2	1
20	2	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	1
21	2	2	1	1	1	1	3	4	5	2	1	2	1	1	1	1	1	2	2	2	1	1	1	0	2
22	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	4	3	3	2	2	2	2	2	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1
24	1	0	1	1	1	0	1	1	1	1	1	2	0	0	0	0	1	1	1	1	1	1	1	1	1
25	3	2	1	0	0	1	1	2	2	1	0	0	0	0	0	0	1	1	0	1	2	3	2	1	1
26	2	1	1	1	1	1	1	1	1	2	2	0	0	0	0	0	1	1	0	1	2	2	2	1	1
27	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	2	2	2	1	1	1
28	2	1	1	1	1	1	3	3	1	0	0	0	0	0	0	1	1	1	2	2	2	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	2	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1.3

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - NO 34002 SC CTR 770 DON MILLS RD TORONTO

MONTH - SEP 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	2	2	1
2	1	2	2	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
3	2	2	2	2	1	1	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	2
4	3	3	2	2	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	4	4	2	2	2	2	1	1	1	2	2	3	2	2	1	1	1	1	2
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	1	1
10	3	3	2	2	2	2	3	4	4	2	3	2	2	2	2	1	1	1	2	2	2	2	3	2	2
11	3	2	2	3	2	3	5	6	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
12	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	1	1	1	2	2	2	2	1	1
13	1	1	1	1	1	1	2	1	2	1	1	1	2	1	1	1	2	1	2	2	2	2	2	2	1
14	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	3	4	4	4	4	2
15	4	4	4	4	4	4	6	6	6	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3
16	3	3	3	3	4	4	5	6	6	5	4	4	4	3	2	2	3	3	3	3	5	5	5	5	4
17	5	4	4	5	5	6	7	8	6	3	2	2	2	2	2	2	2	3	2	2	2	2	2	2	3
18	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	0	0	0	0	1	2	2	2	1	1	1	1	1	1	1	1	2	2	3	4	4	4	2
20	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
23	2	1	1	1	1	1	2	3	3	2	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1
24	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	2	3	2	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	4	4	5	5	2
28	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	3
29	5	5	4	4	3	3	4	5	9	2	2	2	2	2	1	1	2	2	2	2	2	1	2	2	1
30	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	2	1	1	1	2	1	2	2	1
MEAN	2	2	2	2	2	2	3	3	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1.7

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE													UNITS - PARTS/MILLION												
STATION -													MONTH - OCT 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	2	2	2	2	2	1	2	2	2	2	3	2	2	2	2	1	1	1	2
2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
3	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	2	2	1	1	1	1	0	0	0	0	0	1	2	2	1	1	1	1
7	1	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	1	2	3	3	4	4	5	2
8	5	5	5	5	5	5	6	7	10	6	5	3	2	2	1	1	1	1	2	3	3	4	4	5	3
9	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	2	3	2	2	2	1	1	1	1	2	2	3	4	2	1	2	2	1	2
11	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
13	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
14	5	4	2	2	2	1	2	2	1	1	1	1	1	1	1	1	1	2	2	2	4	4	4	5	2
15	4	4	4	4	3	3	3	4	3	2	2	1	1	1	1	1	2	2	2	2	2	3	4	4	2
16	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	2	3	3	2	2	1	1	1	1	1	2	2	2	2	2	1	1	1	1	2
19	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1
20	1	1	1	1	1	1	2	2	3	2	2	2	1	1	1	2	2	2	1	1	1	1	1	1	1
21	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	4	2	2	2	2	3	2
22	2	2	2	1	1	1	2	4	4	2	2	2	2	2	2	2	2	3	4	3	3	2	2	2	2
23	1	1	1	2	1	2	4	6	4	2	1	1	1	1	1	1	1	3	3	3	4	5	5	5	3
24	5	5	4	4	3	4	5	7	9	2	1	1	1	1	1	2	2	3	3	4	4	5	5	5	3
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	4	5	5	5	3
26	2	2	2	2	2	2	2	2	2	2	1	2	1	1	1	1	1	2	3	3	4	5	5	5	3
27	3	3	4	4	4	4	5	7	11	7	3	2	1	2	2	1	1	2	3	3	4	5	5	5	4
28	5	6	6	6	5	5	6	7	10	9	2	2	2	2	1	1	1	1	1	1	1	1	1	1	3
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	2	3	3	3	3	3	3	2
31	3	4	3	3	3	2	2	3	5	8	0	0	0	0	1	1	1	2	2	2	2	1	1	1	2
MEAN	2	2	2	2	2	2	2	3	3	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1.8

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE													UNITS - PARTS/MILLION																					
STATION -			NO 34002										SC CTR 770 DON MILLS RD TORONTO										MONTH - NOV 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN									
1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1									
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1	0	0	0	0	1									
3	0	1	0	0	0	1	1	1	3	3	2	1	1	0	1	1	1	1	1	2	1	1	0	0	1									
4	0	0	0	0	0	0	0	2	2	1	1	1	1	1	1	1	2	2	2	2	1	0	0	1	1									
5	1	1	1	1	1	1	1	3	8	2	1	1	1	1	1	2	2	4	2	2	1	3	5	6	1									
6	4	1	1	1	1	1	1	1	2	2	2	2	3	4	4	2	2	4	6	5	6	3	7	6	3									
7	7	7	6	4	3	3	2	3	5	6	4	2	2	2	2	2	3	4	6	5	4	6	7	7	3									
8	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	4	1	3									
9	5	5	5	5	5	5	4	2	1	1	1	1	1	1	1	1	1	1	1	2	2	3	4	1	1									
10	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1									
11	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	4	4	4	5	5	6	3	3									
12	5	4	2	1	1	1	1	2	3	2	2	2	2	2	2	2	3	5	7	6	6	5	6	1	3									
13	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1									
14	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	1									
15	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2									
16	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	3	3	4	4	5	5	5	5	2									
17	2	2	2	2	5	5	6	5	6	5	3	4	3	3	3	2	3	3	3	2	2	2	2	2	4									
18	2	2	2	2	2	2	2	4	6	9	8	6	6	4	3	3	4	5	3	3	2	2	2	2	4									
19	2	2	2	2	1	1	2	3	4	4	5	4	4	3	3	3	4	6	7	8	8	8	9	4	4									
20	8	7	7	6	6	6	6	7	7	10	6	4	3	3	2	2	3	2	2	2	2	1	1	1	4									
21	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****									
22	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2									
23	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2									
24	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2									
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2									
26	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2									
27	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2									
28	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2									
29	6	7	7	6	6	2	1	2	1	1	1	2	2	2	2	2	2	3	3	4	4	5	5	5	3									
30	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3									
MEAN	3	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2									

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - NO 34002 SC CTR 770 DON MILLS RD TORONTO

MONTH - DEC 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - NO 34002 SC CTR 770 DON MILLS RD TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	15	1.8	3	7
FEB	19	1.3	3	6
MAR	20	1.7	3	5
APR		DATA UNAVAILABLE		
MAY	9	1.3	2	5
JUN	27	1.3	2	5
JUL	29	1.9	3	5
AUG	31	1.3	3	5
SEP	29	1.7	4	9
OCT	31	1.8	4	11
NOV	29	2.2	4	10
DEC	31	2.7	7	22
YEAR	270	1.8	7	22

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - NO 34002 SC CTR 770 DON MILLS RD TORONTO

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 & OVER	TOTAL
JAN	157	239	15	0	0	0	411
FEB	339	149	9	0	0	0	497
MAR	163	346	12	0	0	0	521
APR		DATA UNAVAILABLE					
MAY	175	41	9	0	0	0	225
JUN	463	176	31	0	0	0	670
JUL	247	435	31	0	0	0	713
AUG	518	205	11	0	0	0	734
SEP	398	238	57	2	0	0	695
OCT	436	223	74	5	0	0	738
NOV	280	317	105	3	0	0	705
DEC	73	523	138	4	3	0	741
YEAR	3249	2892	492	14	3	0	6650

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
82.7	0	0.1	0.6	1.0	1.6	2.8	3.6	4.8	5.8	22	1.8



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - NO 34007 BATHURST/WILSON TORONTO

MONTH - JAN 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	1	1	2
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	5	4	3	2	2	2	3	3	6	4	5	5	6	6	6	7	8	8	6	4	4	4	3	4	5
9	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
10	2	2	2	2	2	2	3	5	6	5	4	4	4	5	5	5	6	6	5	3	4	3	3	3	4
11	3	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	1	1	1	1	1	1	2	3	4	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2
16	1	1	1	1	1	1	2	3	3	2	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2
17	2	2	2	2	6	6	10	10	5	3	2	2	2	3	3	4	6	4	3	3	3	3	3	2	4
18	2	2	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
19	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
20	0	0	0	0	0	0	1	2	2	1	1	1	1	1	2	3	3	2	1	1	0	1	1	0	1
21	0	0	0	1	1	2	3	4	3	2	2	3	2	2	2	3	3	2	2	1	1	1	1	1	2
22	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	3	4	4	4	4	4	4	4	4	4
23	1	1	2	2	2	3	8	7	6	3	3	2	3	3	3	3	4	6	6	5	3	2	2	2	3
24	2	2	2	2	2	2	4	6	5	3	4	4	4	4	3	6	6	6	6	6	6	6	6	6	6
25	2	2	2	2	2	2	3	3	4	3	3	4	3	3	4	3	4	3	4	3	3	3	3	3	3
26	2	2	2	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	2	3	4	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	1	1	1	1	1	1	1	3	4	3	1	1	2	2	2	3	3	3	3	3	3	3	3	3	3
29	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
30	2	2	1	1	1	1	1	2	3	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2
31	4	4	5	3	3	2	2	3	4	4	4	3	3	2	2	2	2	3	3	2	2	1	1	1	3
MEAN	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	3	3	3	3	2	2	2	2	2	3

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - NO 34007 BATHURST/WILSON TORONTO

MONTH - FEB 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
3	1	1	1	1	1	1	2	3	5	3	1	1	1	1	1	1	1	4	3	2	2	2	2	2	3
4	1	1	1	1	1	2	4	6	6	4	3	3	3	3	3	3	6	5	3	2	2	2	2	2	3
5	1	2	2	2	2	2	3	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	1	1	1	1	2	3	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	1	2	2	1	1	1	1	1	1	1	2	1	2	1	1	1	1	2	2	2	2	2	2	2	1
10	2	2	2	2	2	2	2	3	5	4	3	3	3	3	3	4	5	4	5	4	3	4	4	3	3
11	3	2	2	2	2	2	2	3	4	3	3	3	3	3	2	2	1	2	2	2	3	2	3	2	2
12	2	2	2	2	2	2	3	4	4	3	3	3	3	4	4	5	6	6	6	5	5	3	3	3	4
13	3	3	3	3	3	3	3	4	4	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3
14	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	2	2	2	1	1	2	1	1	1
15	1	2	2	2	2	2	2	3	3	4	4	3	4	4	4	4	4	4	4	4	5	4	4	4	3
16	4	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3
17	3	2	2	2	2	2	3	6	6	5	3	3	3	5	4	5	5	5	4	4	4	4	4	4	4
18	4	4	4	4	4	4	4	5	7	6	5	5	4	4	4	5	7	8	5	6	4	4	4	3	5
19	3	3	3	2	3	3	3	4	5	4	3	3	3	2	2	2	3	3	3	2	2	2	3	3	3
20	3	3	3	2	2	2	3	6	6	5	4	4	4	3	4	3	4	3	3	4	3	2	3	3	3
21	2	2	2	2	2	3	3	5	5	4	3	2	2	2	2	2	4	4	5	4	6	7	6	5	4
22	6	4	4	5	3	3	3	5	6	5	3	3	3	3	3	3	3	4	4	3	2	2	2	2	3
23	5	5	4	3	3	3	3	3	3	3	3	3	3	4	3	3	4	4	3	3	3	3	3	3	3
24	2	2	2	1	1	1	2	5	6	4	4	3	3	3	3	3	4	4	4	2	2	2	2	2	3
25	2	2	2	2	2	2	2	4	5	3	3	3	3	3	3	3	4	4	4	2	2	2	2	2	2
26	2	2	2	2	1	1	1	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2
27	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	3
28	2	2	2	2	2	2	3	5	5	3	3	3	3	4	4	5	6	5	4	2	2	2	2	2	3
MEAN	2	2	2	2	2	2	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	6

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
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3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE													UNITS - PARTS/MILLION												
STATION -			NO 34007 BATHURST/WILSON TORONTO										MONTH - MAR 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2
2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	0	0	1
3	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	2	1	1	2	0	0	1
4	1	1	1	1	1	2	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	2	2	2	2	2	1	2	5	4	2	2	4	3	2	3	3	3	3	3	3	3	2	2	2	3
6	2	2	2	2	2	2	4	7	5	3	3	2	2	2	2	3	3	2	2	2	2	2	2	2	3
7	2	2	2	2	2	2	4	6	5	4	4	4	3	3	2	2	2	2	1	1	1	1	1	1	3
8	2	2	2	2	2	2	4	6	5	4	4	4	3	3	2	2	2	2	1	1	1	1	1	1	3
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	2	2	2	3	3	3	2	2	3	2	2	2	1	1	1	1	1	1	1	1	2	3	3	2	2
11	2	1	1	1	1	1	3	5	6	5	4	4	3	3	4	5	7	5	5	5	4	4	3	3	4
12	3	2	2	1	1	1	2	3	4	2	2	2	3	3	4	4	5	5	5	5	4	4	3	3	3
13	2	2	1	1	1	1	2	4	7	5	5	5	4	5	6	6	7	3	2	2	2	2	2	2	4
14	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	2	4	3	3	3	3	3	3	4	3	2	2	2	2	2	1	1	2
16	2	2	2	2	2	1	1	2	2	2	2	2	1	1	1	1	1	1	3	3	3	2	2	2	2
17	2	2	2	2	2	1	1	2	7	4	3	3	2	2	3	4	4	5	6	8	12	10	7	3	4
18	3	3	3	3	2	3	6	10	8	6	4	4	3	4	3	5	6	5	5	5	5	4	4	4	4
19	3	3	3	3	2	3	5	7	7	6	5	4	3	4	4	6	8	8	8	8	8	5	3	3	5
20	2	2	2	2	2	2	2	7	2	2	2	2	2	1	1	4	4	3	2	2	2	2	2	2	4
21	1	1	1	1	1	1	2	2	2	3	3	3	3	4	4	5	6	5	4	3	2	2	2	2	3
22	2	2	2	2	2	2	2	2	2	3	3	4	5	5	5	4	2	2	1	1	1	1	1	1	3
23	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3
24	2	2	1	1	1	1	2	3	4	3	2	2	2	1	1	1	1	2	2	2	2	2	2	2	1
25	3	3	3	3	3	2	6	6	3	2	2	2	2	3	3	4	5	4	4	4	3	3	4	4	3
26	- DATA INVALID -																								
27																									
28	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	3	3	3	4	3	3	2	2	2	1
29	2	2	2	2	2	2	3	4	5	3	3	3	3	3	3	3	3	3	4	3	3	2	2	2	2
30	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	3	2	2	2	2	2	2	2
31	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	2
MEAN	2	2	2	2	2	2	3	4	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	4	2

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE													UNITS - PARTS/MILLION												
HOUR DAY	STATION -			NO 34007 BATHURST/WILSON TORONTO										MONTH - APR 75											
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	2	2	3	4	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2	2	1	1	1	1	1	2	2	4	2	2	2	4	4	5	4	9	7	5	4	2	2	2	2	3
3	2	1	1	1	1	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
4	1	1	1	1	1	1	2	2	2	2	2	2	1	1	2	2	2	2	2	2	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	2	2	2	1	2	1	1	1	2	2	2	2	2	1	2	2	2	2	2
10	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
11	1	1	1	1	2	2	3	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2
12	2	2	2	2	2	3	3	3	3	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	3
13	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	6	6	6	6	6	6	6
14	6	6	6	6	6	6	9	10	6	5	5	5	4	4	4	5	6	5	4	5	6	6	6	6	6
15	3	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	3	3	2	2	2	2	2	2	3
16	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	3	3	4	4	4	4	4
17	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	3	3	4	4	4	4	4
18	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	3	3	4	4	4	4	4
19	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	3	3	4	4	4	4	4
20	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3
22	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3
23	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3
24	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3
25	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
26	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
27	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
28	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
29	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	2	2	2	2	2	3	3	4	4	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	2

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - CARBON MONOXIDE											UNITS - PARTS/MILLION													
	STATION - NO 34007					BATHURST/WILSON					TORONTO				MONTH - MAY 75										
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	5	7	8	6	6	5	6	6	6	7	7	7	6	6	5	4	4	3	
2	3	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	3	4	3	3	3	2
3	3	5	5	4	2	2	2	2	2	2	1	1	1	2	3	3	3	3	3	3	2	2	2	2	3
4	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2
5	2	2	2	2	2	2	2	7	7	5	5	4	5	5	5	6	5	4	5	4	5	4	5	4	4
6	4	3	3	3	2	3	5	5	4	3	3	3	4	3	4	5	5	3	4	4	4	3	3	3	3
7	2	2	2	2	2	2	3	3	3	5	3	3	3	4	4	5	4	4	4	4	3	3	3	2	3
8	1	1	1	1	1	2	3	4	3	3	3	3	3	3	3	4	6	4	4	5	6	4	4	3	3
9	2	2	2	2	2	3	5	4	5	4	2	4	3	4	4	4	4	2	1	1	2	1	1	1	3
10	1	1	1	1	2	2	3	3	3	3	2	4	3	2	3	3	3	3	3	1	2	3	5	8	3
11	8	10	10	7	6	2	2	3	3	3	3	4	2	1	1	1	1	1	1	1	2	2	2	2	3
12	3	3	3	3	3	3	4	5	7	4	3	4	3	4	4	5	4	4	4	3	3	3	2	2	2
13	3	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	2	2	2	2	3	4	5	8	7	4	3	3	2	2	5	5	2	5	5	5	5	3	3	4
15	5	3	2	2	2	3	4	8	10	9	6	5	5	6	6	6	6	6	5	6	5	2	3	3	3
16	3	3	3	3	2	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3
17	4	4	4	4	3	3	3	3	5	5	5	4	4	4	4	4	4	5	5	4	4	4	4	4	4
18	4	6	6	6	6	5	5	5	5	5	5	6	5	5	5	5	5	5	6	5	5	7	6	6	6
19	5	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	4	4	5
20	3	3	3	3	3	6	8	9	5	5	5	5	5	5	5	6	5	5	5	6	6	5	5	5	5
21	5	5	4	4	4	5	7	10	7	6	5	4	4	3	4	5	6	5	5	5	3	2	2	2	5
22	5	2	2	2	2	6	6	7	5	5	5	4	4	3	3	4	4	4	4	4	4	4	4	4	4
23	5	4	4	4	2	2	2	2	4	6	3	3	3	4	4	4	4	4	5	5	5	4	4	4	4
24	5	5	5	5	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	4	4	4	4
25	5	5	5	5	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3
26	5	5	5	5	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3
27	5	5	5	5	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3
28	5	5	5	5	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3
29	3	2	2	2	2	6	7	7	4	3	3	3	3	3	3	5	4	3	3	2	2	2	1	1	3
30	1	1	1	1	2	5	8	10	8	7	6	5	4	5	6	6	7	6	6	6	7	8	5	3	5
31	3	3	3	3	3	4	4	3	3	3	2	2	2	2	3	2	2	2	2	2	2	2	2	2	3
MEAN	3	3	3	2	3	3	4	5	4	4	4	3	3	3	4	4	4	4	3	4	3	3	3	3	3

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - CARBON MONOXIDE											UNITS - PARTS/MILLION																		
	STATION -			NO 34007								BATHURST/WILSON TORONTO											MONTH - JUN			75		23	24	MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22								
1	2	2	1	1	1	2	2	2	2	2	2	2	1	***	1	2	1	1	1	1	1	2	2	1	2					
2	1	1	1	1	1	2	2	2	3	3	3	2	2	3	3	3	3	3	3	3	3	3	2	2	2					
3	1	1	1	1	2	4	6	7	4	3	2	3	3	3	3	3	3	2	2	3	3	5	4	3	2					
4	4	3	2	2	3	5	3	2	2	1	1	2	3	3	3	4	3	4	2	2	3	3	2	2	3					
5	2	1	1	1	1	3	4	5	4	4	4	4	5	5	5	7	7	5	4	5	5	4	5	4	5					
6	4	2	2	2	2	7	6	3	1	1	1	1	2	2	2	1	1	1	2	1	1	1	1	1	2					
7	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1					
8	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
9	1	1	1	1	1	1	2	2	2	2	3	3	3	3	3	4	3	2	2	2	2	2	2	2	2					
10	2	2	2	2	2	3	6	5	4	***	2	2	2	2	2	3	3	2	2	2	2	3	2	2	3					
11	2	2	2	2	2	3	6	7	5	4	3	3	3	4	4	5	5	5	5	6	3	3	2	2	4					
12	2	2	2	2	2	3	6	9	7	5	5	3	3	3	4	5	5	4	3	3	3	3	3	3	4					
13	3	3	3	3	3	3	5	5	5	4	4	3	4	3	3	3	3	3	3	3	4	4	5	4	5					
14	7	8	8	6	4	5	5	5	5	5	6	5	6	5	5	5	5	5	5	5	5	5	5	4	5					
15	5	5	4	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4					
16	3	3	3	3	3	3	5	5	4	4	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3					
17	4	3	3	3	3	4	6	8	6	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4					
18	2	1	2	2	2	2	3	4	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2					
19	2	1	1	1	1	2	4	6	6	5	4	4	5	4	4	4	4	4	4	4	4	4	4	4	4					
20	3	6	6	5	6	6	7	5	5	4	4	3	3	4	4	5	3	4	4	3	3	4	3	4	4					
21	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3					
22	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	***	3	3	3	3	4	4	5	4	4					
23	3	3	3	3	3	3	6	6	5	4	3	3	3	4	3	2	2	2	2	3	3	3	3	3	3					
24	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	2	2	2	2	2	2	1	2	2	2					
25	3	3	1	2	2	3	6	5	4	4	3	4	4	3	4	5	4	3	3	4	4	3	2	2	3					
26	3	3	2	3	3	6	4	4	3	3	4	3	4	4	4	4	4	3	3	4	3	3	2	2	3					
27	3	3	3	5	8	6	5	4	4	4	4	4	4	4	4	5	5	4	4	4	3	2	3	3	3					
28	3	3	3	2	3	3	3	3	4	2	3	2	4	4	3	3	3	3	3	3	2	2	2	2	3					
29	2	2	2	2	2	2	2	2	2	1	1	1	2	1	2	2	2	2	2	3	3	2	1	1	1					
30	1	1	1	1	1	2	3	2	1	2	***	2	2	2	2	2	2	2	2	3	3	4	4	4	4					
MEAN	3	2	2	2	3	3	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3					

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE													UNITS - PARTS/MILLION												
STATION - NO 34007 BATHURST/WILSON TORONTO													MONTH - JUL 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	2	2	2	2	2	2	3	2	2	3	2	2	2	2	2	1	1	2	2	2	2	1	1	
2	1	1	1	1	1	2	2	3	2	2	2	2	2	1	0	0	0	0	0	0	1	1	1	0	
3	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	4	3	3	3	1	1	1	1	1	
4	1	1	1	1	1	2	3	3	2	1	1	1	1	1	1	1	0	0	3	1	1	1	1	1	
5	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	2	2	3	3	3	3	3	3	
6	2	2	2	2	2	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	
7	3	3	1	2	2	6	8	5	4	***	***	5	5	4	5	5	5	3	3	4	4	4	4	4	
8	3	3	2	2	2	2	3	4	4	4	3	4	5	5	***	3	2	2	1	1	2	2	2	1	
9	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
10	1	1	0	0	0	0	0	1	3	2	2	3	4	5	5	5	7	6	5	4	4	3	3	2	
11	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	5	5	5	7	6	6	6	
12	5	4	3	3	3	3	4	5	4	4	4	4	5	4	4	4	4	4	4	4	4	5	5	5	
13	4	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	5	4	
14	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	5	5	5	5	3	3	
15	2	2	2	2	2	5	5	4	4	3	***	4	4	4	4	4	4	3	3	3	2	2	2	2	
16	3	3	3	3	3	3	5	5	5	4	4	3	4	4	4	4	4	4	3	3	3	4	4	4	
17	3	3	3	3	3	3	8	6	6	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	
18	3	3	3	3	3	3	4	4	4	4	4	5	4	4	4	4	4	4	4	3	3	2	2	3	
19	3	3	3	3	3	3	4	4	4	4	4	4	5	4	4	4	4	4	2	2	3	3	3	3	
20	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3	
21	2	2	2	2	2	3	2	2	2	2	2	2	***	***	***	***	***	***	***	***	***	***	***	***	
22	***	***	***	***	***	***	***	***	***	***	***	***	***	4	5	6	6	5	5	6	5	4	4	3	
23	3	3	3	3	3	4	4	3	3	***	***	3	3	4	2	2	2	2	2	5	4	6	5	3	
24	3	3	3	3	4	5	7	6	5	6	5	3	3	3	3	3	3	3	3	4	4	3	4	4	
25	2	2	2	2	2	3	3	3	3	***	***	2	2	1	1	1	1	2	2	3	3	3	3	3	
26	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	3	
27	3	2	2	2	2	3	3	3	3	3	3	3	3	4	2	2	2	3	3	3	3	3	3	3	
28	2	2	1	1	1	2	3	3	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	
29	2	2	2	2	2	2	2	2	3	3	3	3	4	***	3	3	3	3	2	3	4	4	4	3	
30	2	1	1	1	1	4	4	3	4	3	3	4	3	3	4	4	5	4	5	3	3	2	2	2	
31	2	2	2	2	2	2	2	2	2	***	2	2	2	3	4	4	4	3	3	4	3	3	2	2	
MEAN	2	2	2	2	2	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE												UNITS - PARTS/MILLION													
STATION - NO 34007 BATHURST/WILSON TORONTO												MONTH - AUG 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	2	2	3	5	5	4	4	3	4	3	3	3	2	2	3	3	3	1	0	0	2
2	1	1	1	1	1	1	1	1	2	2	3	2	2	2	1	1	1	2	2	2	1	1	2	2	2
3	2	2	1	1	1	2	3	3	3	3	4	3	4	2	5	5	5	5	5	5	4	5	5	5	4
4	4	4	4	4	4	3	3	3	3	3	2	3	2	2	2	3	3	3	3	3	2	2	2	2	3
5	2	2	2	2	2	3	3	4	3	4	3	3	3	***	3	3	3	3	2	2	2	2	2	2	3
6	2	2	2	2	3	3	3	5	5	4	4	3	3	3	3	3	3	3	2	2	2	2	2	2	3
7	4	3	3	3	3	4	4	4	3	3	3	3	3	3	3	3	5	5	4	4	5	5	6	4	4
8	4	4	4	4	4	5	7	5	3	3	5	3	4	5	6	6	5	6	7	7	6	5	6	6	4
9	4	4	4	4	4	5	5	5	5	6	4	4	3	3	3	3	3	3	3	3	4	4	4	4	5
10	4	4	4	4	4	4	4	4	3	3	3	3	4	4	4	4	4	4	5	***	6	5	4	4	4
11	4	3	3	3	4	6	7	7	6	6	4	4	5	6	5	3	3	5	3	3	3	3	3	3	4
12	3	3	3	2	3	3	4	3	2	2	2	2	4	4	4	5	4	4	4	4	4	5	4	4	4
13	5	5	4	4	3	5	7	7	4	4	5	4	5	***	***	2	1	1	1	1	2	1	***	***	4
14	***	***	***	***	0	1	2	1	1	0	***	4	2	2	2	2	2	3	3	2	3	3	2	2	2
15	2	1	1	1	1	3	5	10	6	8	9	6	6	7	7	8	9	8	8	6	6	5	6	4	6
16	3	2	1	1	1	1	2	2	2	2	3	4	4	4	3	4	4	5	5	5	5	4	4	3	3
17	4	6	5	4	3	3	3	4	3	3	3	3	4	4	4	3	2	2	2	2	2	1	1	1	3
18	1	1	1	1	1	2	3	2	1	1	***	2	1	1	1	1	2	2	1	2	2	1	1	1	1
19	1	1	1	1	1	3	3	5	3	2	1	1	3	2	2	2	2	2	2	2	3	4	2	2	2
20	2	2	1	1	2	2	3	3	2	1	4	6	5	5	5	6	6	5	5	6	4	3	3	3	4
21	2	2	2	3	3	4	10	11	12	8	6	6	6	5	6	8	7	3	3	3	1	1	1	2	5
22	2	1	0	0	1	1	2	2	2	2	2	2	3	2	2	2	3	4	4	4	6	7	6	5	3
23	4	3	3	3	2	4	6	5	5	4	3	3	4	3	3	4	4	4	4	4	4	3	4	4	4
24	3	2	2	2	2	2	2	2	1	1	2	1	1	***	***	7	8	8	8	10	12	11	10	6	5
25	5	3	2	4	4	5	11	11	8	6	2	2	2	3	2	2	1	1	1	2	1	2	2	1	1
26	1	0	0	0	0	3	4	2	1	1	0	0	0	0	1	2	1	1	1	4	1	2	1	1	3
27	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	1	1	1
28	2	1	1	1	1	1	3	3	1	1	1	1	***	0	0	3	3	2	2	3	4	3	2	1	1
29	1	0	0	1	1	3	4	2	2	2	1	1	2	2	3	4	3	3	1	3	1	0	0	0	2
30	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1
31	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
MEAN	3	2	2	2	2	3	4	4	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - NO 34007 BATHURST/WILSON TORONTO

MONTH - SEP 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	1	1	1	1	2	2	3	2	2	2	2	3	3	4	3	2	1	2
2	1	1	1	1	1	4	3	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
3	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
4	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1
7	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
8	0	0	0	0	0	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
9	1	1	1	1	1	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
10	2	2	1	1	2	2	4	5	3	3	4	3	4	4	3	3	3	3	4	4	4	4	4	4	3
11	- DATA INVALID -														1	1	1	1	1	2	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	0	0	0	0	1	4	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	2	1	1	1	0	0	1	0	0	0	0	0	0	0	1	2	3	4	3	3	4	5	3	1	1
21	1	1	1	0	0	0	0	1	0	1	1	1	2	1	1	1	1	1	1	1	0	0	0	1	1
22	0	0	0	0	0	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	0	0	0	0	0	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	1	0	1	1	1	2	5	6	5	4	3	3	3	3	5	4	6	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	2	2	1	2	4	8	10	14	8	6	5	4	3	3	3	4	4	4	5	4	3	4	3	2	2
30	2	2	1	2	1	1	2	4	5	4	2	1	1	1	1	1	2	2	3	2	1	2	2	1	1
MEAN	1	1	1	1	1	1	2	3	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	1	1

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - NO 34007 BATHURST/WILSON TORONTO

MONTH - OCT 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	2	3	7	6	5	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2
2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
3	2	1	1	1	1	2	4	4	2	2	2	1	1	1	1	2	2	2	2	3	3	3	4	4	3
4	2	1	1	1	1	2	3	3	2	2	2	3	3	3	3	3	3	3	4	4	3	2	3	2	2
5	3	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	4	4	3	2	3	2	2
6	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
7	1	1	1	1	1	2	3	5	3	2	2	2	2	2	2	3	3	4	5	5	8	7	4	5	3
8	4	2	3	2	3	7	10	17	4	3	3	3	3	3	3	4	5	4	4	3	2	1	1	1	1
9	0	0	0	0	0	1	3	3	1	1	1	1	1	1	1	2	3	3	2	1	1	1	1	1	1
10	0	0	0	0	1	2	5	4	2	2	2	2	4	4	5	6	6	6	2	4	3	2	1	0	3
11	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	1
13	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	3	4	5	5	2	1	2
14	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	4	5	4	3	3	3	4	4	4	2
15	4	2	1	0	0	1	7	7	3	1	1	1	0	0	1	1	1	3	2	3	2	1	0	0	2
16	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0
17	1	0	0	0	1	1	2	5	5	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	- DATA INVALID -														- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -
19	- DATA INVALID -														- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -
20	- DATA INVALID -														- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -
21	1	1	1	1	1	2	3	2	1	1	1	1	1	3	2	4	4	5	4	3	1	2	2	3	2
22	1	1	1	1	1	3	6	9	6	4	3	3	2	3	3	4	5	7	7	6	4	4	5	2	3
23	1	1	1	1	3	8	14	11	8	4	3	3	3	3	4	5	7	7	6	4	4	5	2	1	5
24	1	1	1	1	3	8	14	11	8	4	3	3	3	3	4	5	7	7	6	4	4	5	2	1	5
25	1	0	0	0	1	1	1	2	2	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1
26	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	4	4	4	4	4	5
27	3	4	4	4	3	4	14	9	10	3	3	2	2	3	3	3	4	2	1	1	1	1	1	1	3
28	3	2	2	3	4	3	6	7	5	3	3	3	3	2	3	3	4	2	1	1	1	1	1	1	1
29	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	1	1	1	2	2	2	2	3	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	2	2	3	1
31	2	2	2	2	2	4	8	10	8	2	2	2	2	2	3	5	5	3	3	3	2	2	2	1	3
MEAN	2	1	1	1	1	2	4	4	3	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - CARBON MONOXIDE											UNITS - PARTS/MILLION													
	STATION -											MONTH - NOV 75													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
2	1	1	1	1	0	1	1	1	1	1	1	2	3	3	3	3	4	3	1	0	1	0	0	1	1
3	1	0	0	0	1	2	4	2	3	****	1	1	1	1	3	3	3	4	1	1	1	0	0	1	1
4	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	1	3	2	1	1	1	0	0	1
5	0	0	0	0	0	1	2	4	2	1	1	1	1	2	3	3	4	5	7	8	7	4	3	4	1
6	4	2	1	0	1	2	3	5	5	4	4	5	4	4	3	4	6	10	9	7	5	3	6	7	5
7	7	7	6	3	1	2	4	6	7	7	7	5	2	3	3	4	4	4	3	2	2	2	2	4	1
8	1	1	1	0	1	1	1	1	2	2	1	1	0	0	0	0	1	1	1	2	2	2	2	4	1
9	6	9	6	8	6	3	1	1	1	1	2	2	2	2	2	2	2	3	3	2	2	1	1	1	1
10	1	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	6	7	5	3	5	6	5	2
12	4	1	1	1	1	1	2	5	6	4	3	3	3	5	5	5	6	6	7	11	12	10	1	1	4
13	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	0	0	0	1	2	2	2	0	1	2	1	1	1	2	2	2	2	2	1	1	1	1
17	3	1	2	2	2	2	3	7	7	3	4	****	2	2	1	1	3	4	5	4	4	4	4	4	2
18	1	1	1	0	0	0	1	2	7	10	4	2	1	3	5	5	6	7	8	7	4	2	2	2	3
19	2	1	1	1	0	2	3	4	4	4	4	4	3	4	3	4	5	8	7	8	10	5	6	7	4
20	9	9	7	5	4	6	10	12	12	10	7	5	3	4	4	5	5	5	2	2	2	2	1	1	6
21	1	1	1	1	1	1	1	2	3	2	1	1	2	2	1	1	2	2	2	2	2	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	2	2	3	2	3	3	3	3	3	3	3	2	2	2	2
24	1	1	1	1	1	1	1	3	4	4	2	1	1	1	2	2	3	3	3	3	3	2	2	2	2
25	1	1	1	1	1	1	2	3	4	3	2	2	2	2	****	2	4	5	3	2	2	2	2	1	1
26	1	1	1	1	1	1	3	5	5	5	3	3	3	3	3	4	4	4	3	2	2	2	2	1	1
27	1	1	1	1	1	1	3	4	3	2	1	1	1	2	2	3	3	2	2	2	2	2	1	1	1
28	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	3	4	4	6	8	8	3	1
29	6	8	6	4	3	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	3
30	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1
MEAN	2	2	2	1	1	1	2	3	3	3	2	2	2	2	2	2	3	4	3	3	3	2	2	2	2

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - CARBON MONOXIDE											UNITS - PARTS/MILLION													
	STATION -											MONTH - DEC 75													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	1	1	2	1	1	1	1
2	1	1	1	1	1	1	2	4	6	8	5	2	2	5	2	2	3	5	3	4	2	2	2	2	3
3	1	1	19	2	2	1	2	4	5	3	2	1	1	****	****	****	****	****	****	****	****	****	****	****	****
4														DATA INVALID	-										
5														DATA INVALID	-										
6														DATA INVALID	-										
7														DATA INVALID	-										
8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	6	5	3	3	2	2	2	1	****
9	2	1	1	0	0	0	1	3	4	****	****	3	3	4	4	4	5	6	5	5	5	4	6	7	3
10	5	4	3	2	1	1	2	2	2	2	1	1	2	1	1	1	****	2	2	2	2	2	2	1	2
11	1	1	1	1	1	1	1	2	3	5	2	2	1	1	1	1	1	2	2	2	2	3	3	3	2
12	3	2	1	1	1	1	2	5	5	5	3	4	3	2	2	2	****	3	3	3	3	3	3	3	2
13	2	2	1	1	1	1	1	1	2	3	3	3	4	4	4	4	5	5	5	6	7	7	4	3	3
14	4	4	3	2	2	2	2	2	2	2	2	2	3	3	4	3	3	3	3	2	2	2	2	3	3
15	2	2	1	1	1	1	2	3	2	2	1	1	2	1	2	2	2	2	1	1	2	1	1	1	1
16	1	1	1	1	1	1	2	3	3	2	1	1	2	2	****	8	9	6	5	4	3	4	4	4	2
17	4	1	1	2	1	1	3	6	5	3	2	2	1	1	1	1	1	1	1	1	1	2	1	2	1
18	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1
19	0	0	0	0	0	0	1	1	2	2	2	2	1	1	1	6	8	7	7	5	5	5	3	3	3
20	2	2	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	0	0	0	0	1	1	1	1	2	1	1	1	1	3	3	3	3	5	5	6	7	2
22	7	4	2	2	2	2	7	21	17	12	9	9	8	****	3	3	4	4	2	1	2	2	1	1	1
23	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1
24	1	1	1	1	1	2	3	4	6	6	6	6	6	5	7	4	4	3	3	2	2	2	2	3	2
25	2	1	1	1	1	1	1	1	2	2	2	3	3	4	3	4	4	3	3	3	3	5	4	3	2
26	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1
28	2	2	2	3	3	2	2	1	4	6	6	4	3	2	2	2	2	3	2	2	2	1	2	1	1
29	2	2	2	1	2	2	3	5	9	8	8	4	4	5	5	5	7	7	7	6	6	4	3	2	5
30	2	2	2	2	2	2	3	7	6	4	3	4	4	5	4	4	5	5	2	3	2	2	1	1	1
31	1	1	1	1	1	1	2	6	5	3	3	2	2	3	2	2	2	3	2	2	1	1	1	1	2
MEAN	2	2	2	1	1	1	2	3	4	4	3	3	2	3	2	3	3	3	3	3	3	2	2	2	2

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - NO 34007 BATHURST/WILSON TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.3	5	10
FEB	27	2.6	5	8
MAR	29	2.4	5	12
APR	30	2.7	6	11
MAY	31	3.5	5	10
JUN	30	3.0	5	9
JUL	29	2.8	4	8
AUG	31	3.0	6	12
SEP	28	1.7	5	14
OCT	26	2.2	5	17
NOV	30	2.2	6	12
DEC	25	2.4	5	21
YEAR	347	2.6	6	21

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - NO 34007 BATHURST/WILSON TORONTO

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 & OVER	TOTAL
JAN	206	417	114	1	0	0	738
FEB	133	362	150	0	0	0	645
MAR	223	351	118	3	0	0	695
APR	150	362	172	8	0	0	692
MAY	59	373	292	7	0	0	731
JUN	116	370	227	1	0	0	714
JUL	108	409	194	0	0	0	711
AUG	182	296	239	12	0	0	729
SEP	399	202	71	3	1	0	676
OCT	303	228	104	6	3	0	644
NOV	380	196	127	14	0	0	717
DEC	255	236	116	5	3	0	615
YEAR	2514	3802	1924	60	7	0	8307

FREQUENCY DISTRIBUTION BY PERCENTILES

FREQUENCY DISTRIBUTION, PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
94.8	0	0.2	1.0	1.7	2.7	4.4	5.4	6.7	7.7	21	2.6



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE													UNITS - PARTS/MILLION												
STATION - NO 35033 EVANS/ARNOLD ETOBICOKE OAMST													MONTH - JUN 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA INVALID -												
2													- DATA INVALID -												
3													- DATA INVALID -												
4													- DATA INVALID -												
5													- DATA INVALID -												
6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
8	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
9	1	0	1	1	1	1	2	3	2	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	
10	1	1	2	2	2	3	4	3	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	
11	1	1	0	0	1	2	3	2	1	1	1	1	2	2	2	2	2	1	2	1	1	1	1	1	
12	1	0	0	0	1	1	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	
13	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
16	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	0	
17	0	0	0	0	0	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
18	1	0	0	0	0	0	1	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	
19	2	2	1	1	1	1	3	5	2	3	1	1	1	1	1	2	1	1	1	2	2	2	3	1	
20	1	1	0	0	1	1	2	3	2	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	
21	5	5	4	4	4	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	
22	3	3	2	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
23	1	1	1	1	1	1	2	2	2	2	2	2	1	2	1	1	2	1	1	1	1	1	1	1	
24	1	0	0	0	0	1	3	3	2	1	1	1	1	1	2	1	1	1	0	0	0	0	0	1	
25	0	0	0	0	1	2	3	3	2	1	1	1	1	1	1	1	1	0	0	1	1	3	3	1	
26	3	2	1	1	1	2	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
27	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	1	1	1	1	2	3	2	1	
28	2	2	2	2	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	
29	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	
30	1	1	1	1	1	1	2	***	***	***	***	***	1	1	1	1	1	1	1	1	2	3	4	1	
MEAN	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE													UNITS - PARTS/MILLION												
STATION -													MONTH - JUL 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	1	1	1	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
2	2	1	1	1	1	2	4	3	2	1	1	1	2	1	1	2	2	1	1	1	1	1	1	1	1
3	1	1	1	0	1	1	2	3	2	1	1	1	1	1	1	1	2	1	1	1	2	1	1	1	1
4	1	1	1	1	1	1	2	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	0	0	1	0	0	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	1	1	0	1	1	1	1
7	1	1	1	1	2	2	4	2	2	2	2	1	1	1	1	2	1	1	2	2	2	2	2	2	2
8	1	1	1	1	1	2	3	2	2	2	2	2	1	2	***	1	1	1	1	1	1	1	1	1	1
9	1	0	0	0	1	1	2	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
10	0	0	0	0	1	1	2	2	2	1	1	1	2	2	2	2	2	1	1	2	2	2	2	1	1
11	1	1	0	0	1	1	2	2	1	1	1	1	1	***	1	1	1	1	1	1	1	2	2	1	1
12	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1
13	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	2	3	2	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	2	3	3	2	1	2	2	2	2	1	2	1	1	1	1	1	2	1	2	1
18	1	1	1	1	1	2	3	2	2	2	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1
19	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	0	0	0	0	0	2	2	2	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1
22	1	0	0	0	1	1	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
23	2	1	1	1	1	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
24	1	1	1	1	1	1	2	3	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
27	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
28	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	0	0	0	1	2	3	3	2	***	***	***	1	1	1	1	1	1	1	1	1	2	1	1	1
30	0	0	0	0	0	1	2	3	2	2	2	1	1	1	1	2	1	1	2	2	2	1	1	1	1
31	1	1	1	1	1	1	3	2	2	2	2	2	2	2	2	2	1	1	2	3	6	6	4	2	2
MEAN	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - NO 35033 EVANS/ARNOLD ETOBICOKE OAMST

MONTH - AUG 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	3	4	3	2	2	2	2	2	2	2	1	1	1	1	2	4	3	2	2
2	1	1	1	1	1	2	2	1	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
3	3	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
5	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	1
6	0	0	0	0	1	2	3	2	1	1	1	1	1	1	1	2	1	1	0	0	0	1	1	2	1
7	2	1	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	0	1	1	2	3	3	2	1
8	2	1	0	1	0	1	3	3	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	0	0	0	0	1	1	2	2	2	1	1	1	1	0	1	1	1	1	1	1	1	0	1	1
12	0	0	0	0	0	1	3	2	1	1	1	1	1	1	1	0	1	0	0	0	1	2	2	2	1
13	1	0	0	1	2	2	2	2	1	1	1	1	2	1	2	1	1	1	2	2	1	1	1	1	1
14	1	0	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	0	0	0	1	1	3	4	4	3	3	1	1	1	1	1	2	1	1	1	1	1	2	3	3	2
16	2	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	1	1	1	1	1	1	1
17	1	1	1	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	0	1
18	0	0	0	0	0	1	2	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
19	0	0	0	0	0	1	3	2	1	0	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1
20	0	0	0	0	0	1	2	3	2	1	1	1	0	1	1	1	0	0	1	2	2	1	1	1	1
21	1	0	0	1	1	3	5	4	2	2	1	2	1	1	2	1	1	1	1	1	0	0	0	0	1
22	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	0	0	1	2	2	2	2	1
23	1	1	1	1	1	1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	2	1	1	1	1	1
25	1	1	1	1	1	1	3	3	2	1	1	1	1	1	1	1	0	1	1	1	1	1	2	1	1
26	0	0	0	0	1	2	3	2	1	1	1	1	1	1	2	2	1	1	1	1	1	2	3	2	1
27	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
28	2	1	1	1	2	4	5	3	3	2	1	1	1	1	2	2	1	2	2	2	2	1	1	1	1
29	0	0	0	0	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1
30	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
31	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	0	0	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - NO 35033 EVANS/ARNOLD ETOBICOKE OAMST

MONTH - SEP 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
2	2	1	1	1	1	2	4	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	2	3	2	1	1	1	1	1	1	2	1	1	1	2	2	2	2	2	1	1
4	1	1	1	1	1	3	3	2	1	1	1	1	1	1	2	2	1	2	1	1	2	2	2	2	1
5	1	1	1	1	1	3	5	4	2	2	2	2	2	2	2	3	5	4	3	3	2	2	2	2	2
6	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	0	0	0	0	0	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	2	4	6	3	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	2
11	1	2	2	2	2	2	4	2	1	1	1	1	1	1	2	3	2	1	2	1	1	1	0	0	2
12	0	0	0	0	0	1	2	3	2	1	1	1	1	1	1	2	2	1	2	1	1	1	1	1	1
13	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	2	2	2
15	1	1	1	2	2	4	6	9	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	2	2	2	2	3	4	6	7	6	4	3	4	2	1	2	3	2	1	1	2	2	2	2	2	2
17	2	2	2	2	2	3	5	6	4	4	3	3	3	3	3	3	2	1	1	2	2	2	2	2	2
18																									
19	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
20	1	2	1	1	0	0	1	0	1	1	1	1	0	0	1	1	1	0	0	1	1	0	1	0	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	2	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	0	0	0	0	1	4	3	1	1	1	0	1	0	1	2	1	1	1	2	1	1	1	1	1
24	0	0	0	0	0	1	2	3	2	1	2	1	1	1	2	2	1	1	1	1	1	1	1	1	1
25	0	0	0	0	0	1	2	2	1	1	1	1	1	1	2	3	2	2	2	2	2	1	1	1	1
26	1	1	1	1	1	2	3	3	2	2	2	3	3	3	3	3	2	2	2	2	2	1	1	1	2
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	6	5	5	2	2
28	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1	1	0	1	1	2
29	1	1	1	1	2	3	7	10	3	2	2	2	2	2	2	1	0	0	1	1	1	1	1	1	1
30	0	1	1	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	2	3	3	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1.3

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE													UNITS - PARTS/MILLION													
STATION - NO 35033 EVANS/ARNOLD ETOBICOKE OAMST													MONTH - OCT 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	1	1	1	1	1	2	4	3	2	****	2	2	2	2	3	3	2	2	2	1	1	1	1	1	2	
2	1	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	2	2	1	1	2	1	1	2	
3	1	1	1	1	1	1	2	2	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	2	
4	1	1	1	1	1	2	3	3	3	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	
5	5	5	3	2	2	1	2	2	1	1	1	1	1	1	1	1	1	2	2	3	3	5	5	2	2	
6	1	1	1	1	1	1	3	2	1	1	****	1	1	1	1	1	1	2	2	3	3	4	2	2	2	
7	1	1	1	1	1	3	6	5	2	1	1	1	1	1	1	2	1	2	2	1	2	4	5	2	2	
8	4	3	3	4	4	6	9	10	6	4	4	3	3	3	3	3	1	2	3	3	1	4	5	2	2	
9	1	1	1	1	1	2	2	2	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	4	
10	1	1	1	1	1	2	3	3	2	2	2	2	****	2	2	3	2	2	2	1	2	2	1	1	2	
11	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
12	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	1	
13	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	3	4	1	2	
14	1	1	1	1	1	2	4	4	3	2	2	2	1	1	2	2	1	1	1	2	3	5	4	1	2	
15	2	2	2	3	2	3	3	5	1	1	1	1	1	1	2	3	2	2	1	1	1	1	1	1	2	
16	1	0	2	1	1	1	3	2	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	2	
17	1	1	1	1	1	3	5	4	2	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	2	
18	1	1	0	0	0	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	
19	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
20	0	0	0	0	0	1	3	2	2	2	1	1	****	1	1	2	1	1	1	1	0	1	1	1	1	
21	0	0	0	0	0	1	2	3	2	2	2	1	1	1	1	3	2	2	2	1	1	2	2	1	1	
22	1	1	1	1	1	2	4	4	2	2	2	1	2	1	2	2	4	2	3	2	1	1	1	1	2	
23	0	1	1	1	1	4	6	9	2	1	1	2	****	2	2	2	2	2	2	2	1	1	1	1	2	
24	3	4	5	4	4	6	9	10	5	2	2	1	1	1	****	3	2	3	3	2	2	3	5	2	2	
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	
26	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	
27	2	2	2	2	2	3	6	10	10	7	3	2	1	1	****	2	4	3	2	1	2	3	6	4	3	
28	3	2	2	2	2	2	4	4	4	3	3	2	2	2	2	1	2	1	1	1	1	1	1	1	2	
29	1	1	0	0	0	0	1	2	1	1	1	1	1	1	1	1	2	1	1	1	1	0	1	1	1	
30	1	0	0	0	0	0	1	4	2	1	1	1	1	1	1	1	2	2	3	2	2	2	3	1	1	
31	2	2	2	1	1	2	4	****	8	3	1	2	1	2	2	2	4	2	1	2	2	1	1	1	2	
MEAN	1	1	1	1	1	2	3	3	2	2	2	1	1	1	1	2	2	2	2	1	1	2	2	2	1	7

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE													UNITS - PARTS/MILLION												
HOUR DAY	STATION -			NO 35033			EVANS/ARNOLD			ETOBICOKE			OAMST			MONTH - NOV 75									
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	1	2	1	1	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	1	1	1	1	1	1	2	8	7	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4	1	1	1	1	1	1	2	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	2	2	1	1	1	1	3	6	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	1	2	1	1	2	2	2	4	7	5	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3
7	5	2	2	2	3	3	4	4	7	6	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3
8	1	2	2	2	2	1	1	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
9	4	6	7	6	6	5	4	4	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
10	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
11	1	1	1	1	1	1	1	3	2	2	2	1	1	1	1	2	5	4	2	2	2	3	5	6	2
12	2	4	1	1	1	1	2	3	4	2	2	2	2	3	3	3	5	8	7	2	4	5	2	1	2
13	1	1	1	1	1	1	1	3	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1
16	2	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
17	4	4	5	4	4	3	3	5	5	4	3	3	3	2	2	2	3	3	3	3	3	3	3	3	2
18	2	2	2	2	2	2	3	6	9	6	5	3	4	4	4	4	5	4	3	3	3	3	3	3	3
19	5	2	1	1	2	2	2	4	4	3	3	4	3	3	3	4	5	4	3	3	3	3	3	3	3
20	3	3	4	4	3	2	2	4	4	2	2	2	3	3	3	3	4	3	2	2	2	2	2	2	3
21	2	1	1	2	1	1	1	3	2	2	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	2	2	1	1	1	1	2	4	4	3	2	2	2	2	2	2	3	4	4	3	2	2	2	2	2
25	1	1	1	1	1	1	1	2	2	2	1	1	2	2	2	2	3	2	2	2	2	2	2	2	2
26	1	1	1	1	1	1	2	3	4	3	4	3	2	2	2	2	3	2	2	2	2	2	2	2	2
27	1	1	1	1	1	1	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
28	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	9	7	7	4	1	1	1	1	1	1	2	2	2	2	2	2	4	4	4	4	3	5	8	7	3
30	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - NO 35033 EVANS/ARNOLD ETOBICOKE OAMST

MONTH - DEC 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2	1	1	1	1	1	1
2	1	1	1	1	1	1	2	4	2	2	2	2	2	3	3	3	4	4	3	3	3	2	2	2	2
3	1	1	1	1	1	1	2	5	4	2	2	2	***	2	2	2	3	3	3	3	3	3	3	3	3
4	2	1	1	1	1	1	3	5	4	4	3	2	2	1	2	3	2	2	2	1	1	1	1	1	1
5	2	1	1	1	1	2	8	15	16	6	3	4	4	3	2	3	4	4	3	3	2	1	1	1	4
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	2	***	***	***	1	1	1	1	1	1	1	2	2	1
8	1	1	1	1	1	1	3	3	3	3	3	2	2	2	***	3	3	3	2	2	2	1	1	1	2
9	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2	1
10	3	3	3	1	1	1	2	3	3	2	2	2	2	2	2	2	3	2	1	2	2	1	1	1	2
11	1	1	1	1	1	1	3	4	3	2	2	2	2	2	2	3	3	2	2	2	2	3	3	3	2
12	2	2	2	1	1	1	1	3	3	3	2	2	2	4	***	3	4	4	3	2	2	2	2	1	2
13	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	2	3	2	1	1	1	1	1	1	1	1	***	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	2	2	3	2	1	1	2	***	1	2	2	2	2	2	1	1	1	1	1
16	1	1	1	1	1	1	3	3	3	2	2	1	2	2	3	3	5	2	2	2	1	1	2	2	2
17	2	1	1	1	1	1	3	3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
18	1	1	1	1	1	2	2	2	2	2	2	2	2	***	2	3	3	2	2	1	1	1	1	1	2
19	1	1	1	2	3	3	2	2	***	***	***	***	3	3	***	5	5	4	5	3	1	1	1	1	1
20	1	1	1	1	1	1	1	1	2	2	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1
21													- DATA INVALID -												
22													- DATA INVALID -												
23	2	2	2	1	2	2	1	1	1	1	1	1	1	2	4	3	1	1	2	1	2	2	2	3	2
24	4	3	3	2	1	2	1	2	2	1	2	2	4	6	7	8	8	8	7	5	5	1	1	1	4
25	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	2
26	4	4	4	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	2
27	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	1	2	2	2	2	2	3	2
28	2	1	1	2	2	1	2	2	1	1	2	2	3	2	2	2	1	1	1	2	2	2	2	2	3
29	2	2	2	1	1	1	2	2	3	4	8	8	***	4	3	2	2	2	3	2	2	3	5	3	3
30	4	3	1	2	2	2	1	2	3	5	4	2	2	2	2	3	3	3	2	2	2	2	2	2	2
31	2	1	1	1	1	1	1	1	2	3	3	3	2	3	3	2	2	3	4	4	3	2	2	2	2
MEAN	2	1	1	1	1	1	2	3	3	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	1.9

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - NO 35033 EVANS/ARNOLD ETOBICOKE OAMST

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY		DATA UNAVAILABLE		
JUN	24	1.2	2	5
JUL	31	1.2	2	6
AUG	31	1.0	2	5
SEP	28	1.3	3	10
OCT	31	1.7	4	10
NOV	30	2.1	5	11
DEC	29	1.9	4	16
YEAR	204	1.5	5	16

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - NO 35033 EVANS/ARNOLD ETOBICOKE OAMST

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 & OVER	TOTAL
JAN		DATA UNAVAILABLE					
FEB		DATA UNAVAILABLE					
MAR		DATA UNAVAILABLE					
APR		DATA UNAVAILABLE					
MAY		DATA UNAVAILABLE					
JUN	460	104	13	0	0	0	577
JUL	581	151	5	0	0	0	737
AUG	609	121	8	0	0	0	738
SEP	481	159	26	2	0	0	668
OCT	438	240	50	7	0	0	735
NOV	305	309	96	7	0	0	717
DEC	308	324	47	0	2	0	681
YEAR	3182	1408	245	16	2	0	4853

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
94.5	0	0.0	0.4	0.7	1.2	2.3	3.1	4.4	5.8	16	1.5



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA

MONTH - SEP 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18	0	0	0	0	0	0	1	1	1	1	1	1	2	1	2	2	2	2	3	1	0	0	0	0	0
19	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
20																									
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	1	1	1	0	0	0	1	0	0	0	0	0	2	1	1	1	0	0	0
24	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	1	1	1	1	0	0	0	1	0	1	1	2	2	2	3	3	2	3	2	1
27	3	2	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
28	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	2	2	2	2	1	1
29	1	1	1	1	0	1	2	2	1	1	1	1	1	2	3	3	4	5	4	4	4	4	5	2	2
30	2	1	1	1	1	1	2	2	2	2	1	1	1	1	2	3	2	2	2	2	2	2	1	1	2
MEAN	1	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	1	2	1	1	1	1	1	0.8

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA

MONTH - OCT 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	0	1	2	2	1	1	1	****	1	1	1	1	1	0	0	1	0	0	0	0	1
2	0	0	0	0	0	0	0	1	1	1	1	1	1	0	1	1	1	2	1	1	1	1	1	1	1
3	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	0	1
6	0	0	0	0	0	0	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	2	2	1	1	1	1
8	1	0	0	0	0	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	0	1
9	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0
10	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	1	0
11	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	2	1	0	0	1	0	0	0	0
12	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	2	2	2	1	2	2	2	2	1
13	2	1	1	1	1	1	1	1	2	1	2	2	2	1	2	2	1	1	2	2	2	2	1	1	1
14	1	1	0	1	1	1	2	1	1	0	0	0	****	0	0	0	1	1	1	1	1	1	1	1	1
15	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
16	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	1	1	0	0	0	0	****	0	1	1	2	2	2	1	1	0	0	0	1
18	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
21	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	****	1	1	1	1	1	1	1	2	3	4	3	5	3	2	1
23	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	2	3	4	2	1	0	1	0	1
25	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	2	2	1	1	2	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	1	1	1	1
27	1	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0
28	0	1	1	0	0	0	1	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	****	****	****	****	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31																									
MEAN	0	0	0	0	0	0	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	0.6

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE																UNITS - PARTS/MILLION									
STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST. OTTAWA																MONTH - NOV 75									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA INVALID -												
2													- DATA INVALID -												
3													- DATA INVALID -												
4													- DATA INVALID -												
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	2	2	3	3	2	2	2	2	2	0.00
6	2	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	1	1	1	1	0	1	1
7	0	0	0	1	1	0	1	1	2	2	2	1	1	1	1	1	3	4	3	1	1	1	1	0	1
8	1	1	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	1	1	1	0	0	1	0
10	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0.00	4	4	2	2	1	1
12	1	2	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	1	0	1	1	1	1	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	1	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
16	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	2	2	4	3	2	1
17	3	2	1	1	0	1	1	4	4	3	2	2	2	2	1	0	1	0	0	2	4	4	5	4	1
18	2	2	1	1	0	1	1	4	3	2	2	2	2	2	1	1	1	2	5	5	9	7	5	3	3
19	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	2	3	2	1	1	1	1
20	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0
21													- DATA INVALID -												
22													- DATA INVALID -												
23													- DATA INVALID -												
24													- DATA INVALID -												
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0.00
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27													- DATA INVALID -												
28													- DATA INVALID -												
29													- DATA INVALID -												
30													- DATA INVALID -												
MEAN	1	1	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	1	1	1	2	1	1	1	0.8

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE															UNITS - PARTS/MILLION										
STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST,OTTAWA															MONTH - DEC 75										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA INVALID -												
2													- DATA INVALID -												
3													- DATA INVALID -												
4													- DATA INVALID -												
5													- DATA INVALID -												
6													- DATA INVALID -												
7													- DATA INVALID -												
8													- DATA INVALID -												
9													- DATA INVALID -												
10													- DATA INVALID -												
11													- DATA INVALID -												
12													- DATA INVALID -												
13													- DATA INVALID -												
14													- DATA INVALID -												
15													- DATA INVALID -												
16													- DATA INVALID -												
17													- DATA INVALID -												
18	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	1	1	1	1	1	0.8
19													- DATA INVALID -												
20													- DATA INVALID -												
21													- DATA INVALID -												
22													- DATA INVALID -												
23													- DATA INVALID -												
24													- DATA INVALID -												
25													- DATA INVALID -												
26													- DATA INVALID -												
27													- DATA INVALID -												
28													- DATA INVALID -												
29													- DATA INVALID -												
30													- DATA INVALID -												
31													- DATA INVALID -												
MEAN	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST, OTTAWA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY		DATA UNAVAILABLE		
JUN		DATA UNAVAILABLE		
JUL		DATA UNAVAILABLE		
AUG		DATA UNAVAILABLE		
SEP	12	0.8	2	5
OCT	29	0.6	1	5
NOV	14	0.8	3	9
DEC	0	1.0	0.0	1
YEAR	55	0.7	3	9

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST, OTTAWA

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 & OVER	TOTAL
JAN	DATA UNAVAILABLE						
FEB	DATA UNAVAILABLE						
MAR	DATA UNAVAILABLE						
APR	DATA UNAVAILABLE						
MAY	DATA UNAVAILABLE						
JUN	DATA UNAVAILABLE						
JUL	DATA UNAVAILABLE						
AUG	DATA UNAVAILABLE						
SEP	239	51	7	0	0	0	297
OCT	643	55	5	0	0	0	703
NOV	306	48	14	1	0	0	369
DEC	12	0	0	0	0	0	12
YEAR	1200	154	26	1	0	0	1381

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
47.2	0	0.0	0.0	0.0	0.5	1.3	1.9	3.0	3.7	9	0.7



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE		UNITS - PARTS/MILLION																							
STATION - SE NO 56051		MEMORIAL PARK YORK/THIRD ST., CORNWALL																							
MONTH - AUG 75																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	0
2	1	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0
3	1	1	1	1	0	0	1	0	0	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1	0	1	1	1	1	1	1	1	1
7	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	1	1	1	1	1	1	1	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
15	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	1
16	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	0	0	0	0	1	0	1	1	1	0
19	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	0	0	1	0	1	1	1	0	0	0	0	1	1	1	1	1	1	1	0	0	1
21	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0
22	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0
25	0	0	0	0	1	1	1	1	1	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0
26	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
27	0	0	0	0	0	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	0	0	0	1	1
28	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0
31	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0.4

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE		UNITS - PARTS/MILLION																							
STATION - SE NO 56051		MEMORIAL PARK YORK/THIRD ST., CORNWALL																							
MONTH - SEP 75																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
13	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1	0
17	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH - NOV 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	2	3	3	3	1	1	1	1
6	1	1	1	1	1	1	2	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	2	4	1	1	1	1	1	1	2	3	9	10	3	1	1	1	1	1	2
8	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1
9	1	1	1	0	0	0	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1
10	0	1	0	1	1	1	1	2	1	1	2	2	1	1	0	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	0	0	0	0	1	2	1	1	1	1	1	1	1	2	1	1	1	2	1	1	1	1	1
13	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0
17	0	0	0	0	0	0	1	1	1	0	1	0	0	0	0	1	1	1	1	1	1	0	1	1	1
18	0	0	0	1	1	1	1	4	2	1	1	1	1	1	0	0	3	3	5	9	14	10	6	3	3
19	5	4	3	1	1	1	2	5	6	3	1	1	1	1	1	1	1	1	1	1	1	0	0	0	2
20																									
21	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	2	2	2	1	1	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1
23	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1	2	4	4	4	4	1
24	4	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	0	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	5	5	2	1	1	1	1	1	2
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	2	3	4	2	2	1	2	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	2	1	1	2	1	1	1	1 0

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH - DEC 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	1	1	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1
3	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
4	0	1	0	0	0	0	0	1	2	1	1	1	1	1	1	2	3	3	3	4	3	3	2	1	1
5	1	1	1	1	1	1	1	2	2	1	1	1	2	1	2	3	4	4	3	4	5	6	2	1	2
6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
8	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1
10	0	0	0	0	0	0	1	2	3	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1
11	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	5	4	2	1	1	1	1	1	1	2	2	2	2	2	1	1	1	2
13	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	1	****	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0
16	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	0	1	1	1	1	1	1	1	1	1	2	1	2	3	2	2	2	2	1	1	1	1
18	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	3	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	****	****	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
24	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	1	2	1	1	1
25	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
26	1	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1
29	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	2	3	3	4	5	2	2	2	2	2
30	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2	2	2	2	2	2	3	0	0	0	1
31	0	0	0	0	0	0	0	1	0	0	0	1	1	1	****	1	1	0	1	0	0	1	0	0	0
MEAN	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0 8

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY		DATA UNAVAILABLE		
JUN		DATA UNAVAILABLE		
JUL		DATA UNAVAILABLE		
AUG	31	0.4	1	2
SEP	21	0.2	1	2
OCT		DATA UNAVAILABLE		
NOV	24	1.0	3	14
DEC	31	0.8	2	6
YEAR	107	0.6	3	14

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 & OVER	TOTAL
JAN		DATA UNAVAILABLE					
FEB		DATA UNAVAILABLE					
MAR		DATA UNAVAILABLE					
APR		DATA UNAVAILABLE					
MAY		DATA UNAVAILABLE					
JUN		DATA UNAVAILABLE					
JUL		DATA UNAVAILABLE					
AUG	724	14	0	0	0	0	738
SEP	509	1	0	0	0	0	510
OCT		DATA UNAVAILABLE					
NOV	532	43	17	4	1	0	597
DEC	671	57	11	0	0	0	739
YEAR	2436	115	28	4	1	0	2584

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
88.3	0	0.0	0.0	0.0	0.4	0.9	1.2	2.3	3.4	14	0.6



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK SUDBURY

MONTH - JAN 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	5	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	1	1	1	1	1	1	1	2	3	2	1	2	1	2	2	2	2	2	2	2	2	2	1	1	2
11	1	2	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	0	0	0	1	1	0	1
12	2	2	3	2	3	2	2	2	2	2	2	2	1	1	1	1	1	2	2	1	2	2	1	1	2
13	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0
14	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	2	3	7	2	3	4	1
15	5	2	0	0	0	0	1	1	1	1	1	1	0	0	0	0	1	3	1	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	2	0	0	0
17	0	1	1	0	0	0	0	1	1	2	1	1	1	1	0	0	1	1	1	1	2	4	2	4	1
18	0	1	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22																									
23																									
24																									
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27																									
28																									
29																									
30																									
31																									
MEAN	1	1	1	0	0	0	0	1	1	1	0	1	0	0	1	1	1	2	1	1	1	1	1	1	0.7

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- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK SUDBURY

MONTH - APR 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
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16																									
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

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- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE												UNITS - PARTS/MILLION													
STATION - NE NO 77016 ASH ST WATER TANK SUDBURY												MONTH - MAY 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****
2	****	****	****	****	****	****	****	****	****	****	****	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
5	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
6	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1
7	1	1	1	0	0	0	1	1	1	****	****	****	****	****	0	0	0	0	1	1	1	1	1	1	1
8	1	1	0	0	0	0	0	0	****	****	****	1	0	0	0	1	1	1	1	1	2	2	1	1	1
9	2	1	1	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	2	2	2	2	1
10	2	1	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	****	****	****	0	1	0	0	0	0	0	0	1	1	1	0	0	0
13	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	2	1	1	1
15	1	1	1	1	1	1	1	2	2	2	2	1	2	2	1	1	1	1	1	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
19	1	1	1	1	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1
20	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
21	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
24	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	1	0	1	1	1	1	0
25	1	1	1	0	0	0	0	0	0	1	1	1	1	0	0	1	1	0	0	1	1	1	1	1	0
26	0	0	0	1	0	0	1	1	1	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	1	0	0	0	1	1	1	1	0	1
30	0	0	0	0	0	0	0	1	****	****	****	1	1	1	1	1	1	1	1	1	1	1	0	0	1
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
MEAN	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0.4

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE												UNITS - PARTS/MILLION													
STATION - NE NO 77016 ASH ST WATER TANK SUDBURY												MONTH - JUN 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
2	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	1	1	0	1	0	0	0	0	0	0
4	1	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1
5	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	- DATA INVALID -															0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	1	1	1	1	1	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
21	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1
22	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	2	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	3	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - NE NO 77016

ASH ST WATER TANK SUDBURY

MONTH - JUL 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - NE NO 77016

ASH ST WATER TANK SUDBURY

MONTH - AUG 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
12	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	****	****	1	1	1	1	1	1	1	1	1	1	2	2	2	1
16	2	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	0	1	1	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
31	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - CARBON MONOXIDE											UNITS - PARTS/MILLION													
	STATION - NE NO 77016											MONTH - SEP 75													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1
7	1	2	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	2	2	1	1	1	1	2	2	1	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	1
19	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	1	1	1	2
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	4	1
28	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	2	4	5	2	1	1	1	1	1	1	1	1	1	2	2	2	3	4	2
30	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - CARBON MONOXIDE												UNITS - PARTS/MILLION												
	STATION - NE NO 77016												MONTH - OCT 75												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1
5	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	2	2	2	2	2	2	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	2	2	2	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
9	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1
10	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	1	2	2	2	2	2	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1
16	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1
17	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
18	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	2	2	1	1	2	1	1	1	1	1	1	2	3	2	2	2	2	1
24	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0
27	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	1	1	1
31	1	1	1	1	1	1	1	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK SUDBURY

MONTH - NOV 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1
2	4	4	4	4	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	2	2	1	1	1	1	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	2	2	2	***	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	2	2	2	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	***	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
12	2	1	1	1	1	1	1	1	1	***	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	***	2	2	1	1	1	1	1	2	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	2	2	3	2	2	2	1	2	2	2	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
17	1	1	1	1	1	1	1	4	3	2	***	1	1	1	1	1	1	1	1	1	1	1	1	1	2
18	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	5	2	2	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	***	1	1	1	2	2	2	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	***	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
24	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	0	1	1	***	***	1	1	1	1	1	1	2	3	3	3	2	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
30	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK SUDBURY

MONTH - DEC 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	0	1	2	1	2	3	2	3	2	1
2	2	1	0	0	0	0	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	2	1	0	0	0	0	0	0	0	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
4	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	2	2	2	2	2	2	2	4	3	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
12	2	2	2	2	2	2	2	2	2	***	2	2	2	2	2	2	3	3	6	5	5	3	3	3	2
13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2
14	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	1	1	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	2	2	2	2	2	2	2	2	2	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	2	2	1	1	1	1	2	2	2	***	6	6	4	2	2	2	2	2	2	2	2	2	2	2	2
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	2	2	2	2	2	2	3	4	3	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2
25	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	3	3	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	3	3	3	4	5	5	3
29	5	3	1	1	1	1	1	2	2	***	3	3	3	2	2	2	2	1	1	1	1	2	2	2	2
30	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	6	2	2	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	***	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1
MEAN	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	1.8

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK SUDBURY

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	19	0.7	2	7
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR	13	0.1	1	2
MAY	29	0.4	1	2
JUN	28	0.2	1	3
JUL	31	0.0	0	1
AUG	31	0.4	1	2
SEP	30	1.1	2	5
OCT	31	1.0	2	3
NOV	30	1.1	2	5
DEC	31	1.8	3	6
YEAR	273	0.7	3	7

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK SUDBURY

MONTH	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 & OVER	TOTAL
JAN	405	53	13	0	0	0	471
FEB		DATA UNAVAILABLE					
MAR		DATA UNAVAILABLE					
APR	314	4	0	0	0	0	318
MAY	693	18	0	0	0	0	711
JUN	651	7	0	0	0	0	658
JUL	739	0	0	0	0	0	739
AUG	726	15	0	0	0	0	741
SEP	652	61	4	0	0	0	717
OCT	648	90	0	0	0	0	738
NOV	627	77	6	0	0	0	710
DEC	231	485	18	0	0	0	734
YEAR	5686	810	41	0	0	0	6537

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
89.0	0	0.0	0.0	0.1	0.6	1.3	1.7	2.2	2.8	7	0.7



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS														UNITS - 0.1 PARTS/MILLION										MEAN
	STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR														MONTH - JAN 75										
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	23	23	21	19	15	15	17	17	17	15	15	15	15	15	15	15	15	15	16	16	16	16	16	16	17
2	16	16	15	16	16	19	20	22	32	****	****	****	****	22	22	22	22	20	19	16	19	17	17	19	
3	15	16	16	15	12	11	11	11	11	11	11	13	13	12	9	8	8	7	7	14	17	16	16	17	
4	13	13	14	14	14	13	13	13	13	15	16	16	16	16	18	18	19	19	19	21	19	19	22	22	
5	20	22	23	23	21	23	26	22	21	21	21	21	26	26	23	25	26	24	22	22	22	20	21	21	
6	21	22	22	22	22	21	20	20	20	19	21	21	25	23	21	19	18	18	16	17	19	15	15	15	
7	15	15	15	15	15	15	15	15	15	15	17	21	23	22	22	19	20	24	23	18	23	22	20	19	
8	22	20	19	17	17	17	14	15	15	15	15	15	18	18	18	22	29	31	31	31	37	37	35	35	
9	35	40	36	36	35	33	31	31	27	28	29	29	31	31	31	19	19	21	21	21	23	23	23	28	
10	23	23	23	23	23	21	21	19	19	19	21	23	25	25	25	25	23	21	21	21	15	15	13	13	
11	13	13	14	14	15	15	14	15	17	18	19	19	21	21	20	20	21	22	22	23	23	25	24	25	
12	24	25	24	26	25	25	25	25	26	27	25	26	26	27	28	28	29	27	27	27	26	25	25	26	
13	23	23	21	24	22	23	23	25	22	24	23	****	21	21	19	21	31	23	22	21	21	19	19	22	
14	17	18	21	22	23	24	23	27	27	19	19	18	16	16	17	19	28	25	24	27	24	20	20	21	
15	21	23	23	20	19	19	18	18	18	20	20	21	22	23	24	23	24	25	18	18	19	17	19	20	
16	17	18	20	18	19	19	19	20	21	16	16	17	22	28	32	23	19	21	21	21	19	20	21	20	
17	18	17	17	19	21	25	23	22	24	22	****	18	18	18	17	17	17	15	15	15	15	13	13	18	
18	13	13	12	11	11	11	11	11	11	11	11	14	14	14	14	15	15	15	15	15	15	15	15	13	
19	15	15	15	15	14	14	14	14	14	14	14	14	15	16	16	17	22	23	23	21	19	19	18	17	
20	18	18	19	21	24	23	23	25	****	28	28	31	23	16	13	13	13	13	13	11	5	3	3	1	
21	0	0	0	0	0	0	1	2	2	2	2	3	3	5	5	6	7	7	9	9	9	9	9	4	
22	9	10	11	9	9	7	9	9	10	12	14	14	13	13	13	13	16	19	17	17	17	14	14	13	
23	14	14	14	17	13	17	17	15	14	8	8	8	13	13	13	13	16	16	15	15	12	12	12	14	
24	12	13	13	13	13	12	12	13	16	13	13	13	13	13	14	14	****	16	15	17	13	13	12	13	
25	16	15	13	11	11	13	11	11	9	10	10	12	13	12	9	11	10	9	9	11	9	9	8	11	
26	9	9	9	9	9	9	9	9	8	8	9	10	10	11	12	13	14	13	13	14	13	13	13	11	
27	13	14	15	16	17	17	19	21	26	22	23	25	26	25	25	23	25	27	29	31	29	25	25	23	
28	23	25	27	28	33	32	30	27	27	23	23	26	26	27	27	22	21	19	16	16	16	15	15	23	
29	16	15	17	18	18	20	21	25	29	19	****	15	16	16	15	14	14	15	15	15	16	16	17	17	
30	17	16	16	17	18	17	19	20	21	21	19	20	20	20	21	21	22	19	19	18	17	17	15	19	
31	15	15	17	17	19	18	19	20	20	19	21	20	20	21	19	21	22	21	21	21	19	20	19	19	
MEAN	17	17	17	18	18	18	18	18	18	17	17	18	19	19	18	18	20	19	18	19	18	18	17	17	18.0

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION												MEAN
	STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR													MONTH - FEB 75												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
1	19	21	19	20	22	22	20	19	19	20	22	23	28	31	31	31	29	27	24	24	23	22	21	22	23	
2	21	21	21	20	21	23	24	24	22	21	22	25	29	29	27	27	25	25	24	25	29	25	22	21	24	
3	23	21	23	26	27	29	31	29	25	22	23	25	23	19	18	17	16	17	18	16	17	17	18	17	22	
4	16	17	18	17	16	16	17	18	19	***	18	17	19	20	19	19	18	20	19	19	17	16	15	14	18	
5	15	14	15	16	17	17	21	19	16	17	18	19	23	21	19	20	19	17	17	18	17	16	16	16	18	
6	14	12	13	12	12	13	14	17	20	17	15	14	14	14	14	17	18	15	13	13	15	15	14	15	15	
7	15	15	15	13	16	15	19	18	22	26	25	24	27	27	22	20	15	***	15	15	14	14	13	13	18	
8	14	13	13	13	15	14	14	15	15	16	17	21	23	24	20	19	21	20	19	18	16	18	18	17	17	
9	18	17	17	17	17	17	17	17	19	18	21	23	25	23	23	23	23	22	22	22	21	20	20	20	20	
10	21	21	23	25	26	27	28	33	36	29	27	29	29	23	22	22	25	20	20	22	21	23	23	23	25	
11	22	23	23	25	28	25	26	29	27	29	29	29	28	29	29	28	29	27	26	25	27	22	22	21	26	
12	23	23	21	21	23	23	25	29	31	27	24	26	25	25	25	22	21	19	17	15	15	15	15	15	22	
13	15	13	13	13	14	14	15	18	19	18	21	23	22	23	23	23	25	21	21	21	21	21	21	21	19	
14	20	19	19	19	19	21	23	27	30	20	29	50	42	31	27	27	24	21	19	19	21	21	21	21	25	
15	22	23	21	20	20	20	20	21	22	22	23	24	23	24	24	23	22	23	22	22	23	23	21	21	22	
16	22	22	22	21	21	21	21	21	18	20	22	24	29	33	37	39	37	33	31	29	28	28	26	26	26	
17	23	23	22	21	21	22	23	23	25	25	25	24	27	31	32	32	27	24	22	22	19	20	20	24	24	
18	20	20	21	19	19	22	23	23	24	23	21	21	20	20	21	19	23	21	24	22	21	21	20	20	21	
19	20	19	19	18	19	20	22	24	25	21	23	21	22	22	21	22	24	27	23	25	24	25	27	25	22	
20	24	24	23	23	21	22	23	24	25	23	23	23	22	22	22	22	21	23	21	24	24	21	23	22	23	
21	18	19	19	14	15	16	16	18	25	21	23	23	***	17	15	14	13	12	14	13	13	12	11	16	16	
22	12	13	13	12	12	11	12	12	13	15	13	14	15	16	17	17	19	21	23	21	20	18	16	16	16	
23	14	13	13	13	14	14	13	15	15	16	17	15	15	14	15	16	17	16	17	18	17	16	15	14	15	
24	14	13	11	11	13	13	14	16	16	***	16	16	16	18	16	15	18	16	17	18	17	17	15	17	15	
25	15	15	15	15	15	15	15	15	17	15	15	14	16	16	17	18	17	17	17	17	17	17	17	18	16	
26	18	18	18	18	19	18	19	20	20	20	19	19	19	21	21	20	20	21	21	21	21	21	21	20	20	
27	20	19	19	21	23	24	24	25	25	25	25	26	24	23	23	24	25	27	27	27	29	28	25	24	24	
28	26	25	23	21	21	21	22	23	23	16	14	13	13	13	11	13	16	14	13	17	12	13	13	13	17	
MEAN	19	18	18	18	19	19	20	21	22	21	21	22	23	22	22	21	22	21	20	20	20	20	19	19	20	



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS														UNITS - 0.1 PARTS/MILLION												
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR														MONTH - MAR 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	15	15	15	13	13	13	13	14	14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
2																										
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19																										
20																										
21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
22	22	21	22	21	22	21	20	18	21	25	22	21	22	22	22	22	23	23	24	24	24	24	24	27	22	
23	26	27	28	28	31	32	33	34	32	31	29	30	28	29	28	28	28	28	29	28	28	27	27	26	29	
24	24	23	22	22	23	23	25	26	30	32	32	38	30	24	24	24	26	26	25	27	26	25	26	26	26	
25	24	23	22	23	23	24	24	26	27	26	26	26	26	27	26	24	23	22	23	22	23	23	23	24	24	
26	22	22	23	23	25	26	25	26	27	27	27	27	27	27	27	31	30	30	29	26	27	26	26	27	26	
27	26	26	25	25	24	24	26	27	27	26	27	21	21	21	20	20	21	20	20	20	20	19	19	23	23	
28	20	19	19	18	18	18	17	17	17	17	16	16	17	17	17	16	17	17	17	16	15	15	15	15	17	
29	15	16	17	18	25	18	15	15	15	14	14	13	14	15	14	14	14	13	13	13	13	13	12	15	15	
30	12	12	12	12	12	12	12	12	11	11	11	11	11	11	11	12	12	12	11	12	12	12	13	13	12	
31	13	15	15	15	15	15	17	16	15	15	15	15	15	16	15	17	17	16	16	19	20	29	37	26	18	
MEAN	20	20	20	20	21	21	21	21	21	22	22	21	20	20	20	21	21	21	21	21	21	21	22	22	20	9

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION											
	STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR													MONTH - APR 75											
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	17	18	18	18	18	19	20	25	20	19	19	19	20	20	21	22	21	20	20	21	19	16	17	19
2	17	18	17	16	15	15	15	16	16	15	15	15	16	20	20	20	21	20	17	17	16	16	16	17	17
3	15	13	12	12	12	***	***	***	***	***	***	***	***	21	21	20	21	21	21	20	21	21	22	22	19
4	21	21	21	21	21	22	23	23	24	24	24	21	22	22	22	21	22	22	22	22	22	22	21	22	22
5	20	20	20	20	20	20	21	20	20	21	23	24	24	25	24	23	23	22	22	23	24	24	24	22	22
6	23	22	22	21	21	21	21	20	20	21	21	22	20	21	22	22	22	20	20	21	24	23	25	23	22
7	20	18	18	19	20	20	20	22	23	***	***	19	19	19	19	20	19	18	18	18	19	20	25	20	20
8	27	19	17	16	16	16	18	19	18	19	20	21	19	20	20	20	20	19	18	17	17	17	17	18	19
9	17	18	18	17	16	16	16	16	16	17	17	17	19	18	18	17	16	16	17	16	15	15	15	14	15
10	15	15	15	14	13	14	15	15	17	20	22	20	20	19	19	19	19	18	17	17	18	18	19	20	17
11	19	21	22	20	20	19	20	20	19	19	19	20	19	17	17	17	18	17	21	18	18	17	19	19	19
12	19	18	17	17	17	18	19	19	17	17	17	18	19	22	20	19	18	19	19	19	20	20	21	20	19
13	21	24	23	28	22	21	21	19	17	16	17	17	18	19	19	19	18	19	19	19	19	19	18	18	20
14	18	19	28	23	19	19	23	19	20	19	19	18	17	19	20	18	18	19	18	19	20	16	14	15	19
15	16	17	17	18	17	15	15	16	17	16	15	17	19	19	19	19	22	19	22	19	17	19	23	31	19
16	35	39	27	23	21	18	20	22	24	22	19	17	17	16	16	16	16	17	16	17	20	23	21	20	21
17	25	26	22	22	23	21	19	21	23	19	16	17	17	16	15	15	16	16	15	14	16	15	16	19	19
18	19	16	16	16	15	15	15	15	23	21	***	19	23	17	18	17	18	15	14	13	13	14	14	15	17
19	15	14	14	13	13	14	14	15	14	15	15	15	16	16	16	16	22	16	15	16	15	15	15	15	17
20	15	15	15	15	15	15	15	15	15	15	15	15	16	19	19	19	20	21	20	20	23	20	19	21	18
21	19	18	18	18	18	18	20	21	23	***	20	19	18	18	18	17	17	15	13	13	14	14	15	16	17
22	16	16	15	14	15	17	18	17	17	16	15	14	13	14	13	14	15	13	13	15	15	13	15	17	15
23	17	14	13	11	11	12	14	16	17	16	14	13	13	12	12	10	15	11	10	9	9	10	10	12	12
24	10	11	11	12	11	12	19	23	22	23	15	16	17	16	15	13	13	13	12	12	11	12	12	12	14
25	10	10	11	11	12	11	12	13	14	16	17	16	14	14	14	15	16	16	15	16	19	17	19	35	15
26	36	49	50	48	47	27	20	19	18	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
27																									
28	****	****	****	13	11	12	14	16	17	16	***	***	21	18	17	19	19	17	17	17	17	15	15	15	16
29	13	13	14	13	13	14	15	17	17	17	17	18	18	18	17	17	19	17	18	18	19	19	18	17	
30	17	17	19	21	19	18	19	20	20	20	19	19	21	19	20	23	22	21	20	21	27	24	25	24	21
MEAN	19	19	19	18	18	17	18	18	19	18	18	18	18	18	18	18	19	18	17	17	18	18	19	18	2

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH - MAY 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	32	35	25	22	22	31	31	41	31	21	19	19	18	19	18	16	16	16	16	16	16	17	20	17	22	
2	20	18	19	22	25	22	30	36	24	22	20	20	19	19	19	19	21	21	21	25	40	52	49	20	25	
3	41	37	31	30	29	29	25	29	23	20	21	21	23	22	21	21	22	21	22	21	24	25	21	22	23	25
4	21	23	21	22	21	21	19	18	17	17	17	16	16	16	16	17	18	18	18	18	18	18	18	18	19	
5	17	16	15	16	17	19	22	20	20	20	22	23	20	21	18	17	17	17	18	18	18	18	17	17	18	
6	17	17	19	20	19	19	20	20	18	18	18	18	18	19	18	16	16	16	16	16	16	16	17	20	19	
7	23	21	21	21	21	23	23	27	26	24	20	19	18	18	18	18	18	17	19	19	20	22	23	24	21	
8	29	27	28	33	27	24	29	31	21	23	23	21	21	21	20	20	19	21	21	24	26	27	28	27	25	
9	28	24	23	22	23	23	25	28	27	23	21	21	21	22	21	20	19	20	21	23	25	27	27	29	23	
10	31	30	31	30	27	27	29	29	29	28	29	32	32	33	34	31	30	29	27	28	28	29	33	37	30	
11	40	48	44	40	35	34	44	49	34	34	27	23	20	18	17	18	19	21	22	24	27	25	22	21	29	
12	21	18	17	19	17	18	18	18	19	***	21	21	22	22	22	23	22	20	19	20	21	22	23	24	20	
13	24	22	21	19	20	23	27	29	27	23	22	23	22	21	21	21	20	21	22	24	23	24	26	25	23	
14	24	23	21	20	22	29	33	28	21	20	21	19	19	18	18	20	22	21	20	25	22	23	23	23	22	
15	23	20	19	22	26	35	29	27	31	21	20	19	20	19	19	18	19	19	20	21	22	22	22	20	22	
16	19	18	17	16	16	16	17	18	18	21	20	21	20	20	21	22	20	21	20	21	23	22	24	23	20	
17	26	26	27	28	28	24	21	21	23	27	28	28	29	29	30	30	29	28	28	29	29	27	27	26	27	
18	28	28	29	29	28	29	27	28	39	31	29	33	37	***	***	***	***	***	***	***	30	23	20	18	29	
19	18	16	18	23	19	20	18	21	20	21	24	22	23	23	24	23	23	23	25	25	24	25	22	22	22	
20	22	21	20	18	19	20	21	25	20	19	18	21	22	23	24	26	***	***	***	***	***	***	***	***	21	
21	***	***	***	***	***	***	***	***	***	25	27	28	30	27	24	27	26	24	27	26	27	28	28	26	27	27
22	27	26	24	22	21	22	22	24	22	21	21	22	22	19	20	22	21	27	28	32	45	51	38	35	26	
23	30	30	29	30	30	28	27	25	25	26	23	24	22	21	21	21	21	22	24	22	21	24	30	35	26	
24	26	23	23	26	27	29	32	26	22	24	25	23	25	24	24	24	25	25	25	25	26	26	27	24	25	
25	26	25	29	32	27	24	25	24	23	24	24	27	25	23	22	36	27	24	25	24	25	24	22	24	25	
26	21	19	24	25	22	25	31	36	23	25	26	24	27	25	24	22	23	21	22	23	24	24	25	26	24	
27	25	23	23	23	23	24	25	26	24	21	22	21	21	21	20	21	30	21	20	21	25	28	31	26	24	
28	22	20	19	20	26	26	29	32	34	36	36	36	38	35	23	21	20	21	21	21	23	27	29	24	27	
29	21	22	23	22	22	21	21	28	24	22	19	20	19	19	19	20	19	18	19	20	22	22	25	24	21	
30	22	21	21	20	18	19	19	19	18	19	18	18	20	20	20	21	19	20	22	22	21	22	23	21	20	
31	20	22	24	20	21	21	22	23	22	22	23	23	22	23	23	23	23	24	25	25	29	26	28	27	23	
MEAN	25	24	24	24	23	24	25	27	24	23	23	23	23	22	22	22	21	21	22	23	25	25	26	24	23.5	

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH - JUN 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	25	23	21	21	21	21	21	20	20	21	22	22	22	22	23	23	23	24	30	23	29	33	32	28	24
2	28	28	27	38	37	35	27	30	33	45	***	***	23	18	17	20	19	18	19	18	16	17	26	29	26
3	30	27	22	22	22	22	23	27	24	30	22	18	20	20	18	19	19	19	19	18	21	21	24	23	22
4	27	24	25	24	31	45	43	30	23	19	18	19	21	18	18	17	16	19	21	21	20	20	18	17	23
5	17	18	18	19	24	27	23	28	22	23	20	24	20	17	17	17	17	16	17	21	25	21	25	25	21
6	24	26	23	21	21	22	21	24	19	17	18	18	18	17	17	17	18	18	18	19	20	21	21	20	20
7	20	19	19	19	19	20	20	21	22	22	23	24	25	22	21	21	21	20	19	19	20	20	21	20	21
8	20	19	19	19	20	20	20	20	20	19	19	20	19	20	20	21	20	21	21	21	22	21	25	22	20
9	23	25	26	30	39	53	45	36	33	25	19	15	13	13	14	14	13	13	13	15	15	14	15	22	22
10	17	13	11	11	12	13	12	13	13	15	15	16	17	18	18	18	18	17	17	19	19	18	17	16	16
11	17	17	16	16	17	17	17	17	17	17	17	17	20	18	17	17	16	16	17	17	20	22	23	19	18
12	19	20	19	19	19	20	18	20	21	28	29	22	27	24	21	19	17	18	19	20	24	20	19	19	21
13	19	23	20	22	24	21	25	27	27	40	22	19	17	18	19	19	19	19	19	21	26	38	31	25	21
14	23	23	26	22	20	21	21	21	24	23	29	30	28	25	24	23	23	23	24	24	24	24	23	21	24
15	21	21	21	21	21	20	20	20	21	21	20	18	16	17	17	17	17	18	17	17	17	18	20	18	19
16	17	17	17	24	18	21	23	22	25	21	21	22	21	21	19	18	19	18	19	19	20	19	19	20	20
17	19	19	20	19	19	19	18	21	22	19	20	19	19	18	17	17	17	18	19	25	27	21	22	28	20
18	24	30	24	23	21	20	23	27	27	24	23	21	21	20	20	21	21	20	21	22	24	25	26	27	23
19	27	27	33	29	35	24	21	23	23	21	22	21	21	22	21	23	24	21	23	24	25	26	27	27	25
20	28	27	26	23	24	25	26	29	27	24	22	22	21	20	21	20	21	20	22	22	25	26	25	23	24
21	19	19	19	19	19	21	21	21	21	22	24	26	26	24	23	22	22	22	22	22	23	25	25	25	22
22	23	21	22	23	23	22	21	21	27	29	27	25	23	20	19	20	21	21	24	24	22	23	22	24	23
23	26	21	20	19	19	19	22	25	24	21	22	21	21	21	22	26	25	22	21	23	27	29	31	31	23
24	29	26	25	26	26	27	25	26	26	23	***	24	23	22	21	23	21	21	19	21	23	25	19	21	24
25	23	21	21	21	22	24	25	26	24	23	21	21	21	22	20	19	19	18	21	21	21	21	23	22	22
26	20	19	19	21	21	23	25	28	23	21	20	22	20	20	21	22	20	19	20	19	21	26	24	22	22
27	23	22	22	21	20	19	19	19	19	***	27	22	23	23	23	22	23	22	21	22	20	20	21	22	22
28	25	26	27	26	23	27	21	25	23	26	25	25	25	25	25	23	24	23	24	25	27	28	26	25	25
29	27	26	26	26	25	23	23	24	24	27	27	27	28	28	29	27	28	28	28	28	28	27	25	24	26
30	25	23	23	23	23	24	27	29	31	23	26	25	21	21	22	21	20	20	21	21	22	25	29	28	24
MEAN	23	22	22	22	23	24	23	24	24	24	22	22	21	20	20	20	20	20	21	21	23	23	23	23	22



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS														UNITS - 0.1 PARTS/MILLION												
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR														MONTH - JUL 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	30	30	31	35	47	55	57	53	43	30	28	27	27	27	27	26	26	26	28	33	35	33	45	42		
2	38	38	37	36	31	33	37	41	37	30	24	25	24	24	20	20	19	18	19	19	22	27	27	25	35	
3	25	22	20	19	19	21	25	25	24	22	22	**	**	21	21	20	20	20	20	21	23	25	24	23	22	
4	21	20	20	18	18	19	21	21	22	22	23	22	22	22	21	22	20	20	20	21	23	25	24	23	22	
5	63	67	71	69	79	68	43	35	27	24	21	20	20	21	21	22	19	19	18	19	22	23	27	37	24	
6	19	18	18	18	19	20	23	20	20	19	19	21	22	23	23	22	22	22	22	23	20	20	19	19	34	
7	23	25	27	27	26	27	27	27	27	20	20	20	20	21	24	22	22	22	22	23	23	23	23	23	21	
8	35	39	44	31	39	28	29	31	31	27	25	23	23	22	21	20	20	20	22	27	32	34	40	45	26	
9	21	19	18	17	18	19	20	24	23	23	24	21	21	20	20	20	19	18	19	19	22	24	24	23	27	
10	30	29	25	23	29	41	33	26	27	25	23	22	21	20	20	19	20	20	20	20	20	20	21	23	21	
11	23	24	25	24	22	23	23	22	22	21	23	22	22	21	21	21	20	21	21	21	23	24	24	26	22	
12	23	23	23	23	23	26	29	28	27	24	23	22	22	22	22	23	23	26	24	23	26	22	23	26	24	
13	25	27	31	33	31	33	32	32	32	29	26	25	26	23	23	22	22	23	23	25	24	26	26	29	31	
14	27	26	24	23	22	22	23	25	23	24	23	21	21	21	22	22	23	23	23	26	30	33	31	39	25	
15	40	44	43	31	35	36	43	47	53	***	26	21	20	20	19	19	19	20	21	21	21	20	21	20	29	
16	20	20	20	21	21	25	31	34	33	30	22	21	22	22	22	22	21	22	22	25	24	26	35	34	25	
17	36	33	31	30	32	32	35	41	31	31	23	20	20	20	20	21	20	21	23	23	26	25	26	26	27	
18	26	24	21	19	18	18	19	20	19	19	21	19	21	19	19	20	19	20	20	20	22	24	22	23	21	
19	21	21	20	19	18	18	18	20	23	21	23	22	21	21	21	21	22	22	22	22	22	24	24	23	21	
20	21	21	20	20	21	21	21	21	21	20	22	25	25	24	24	24	24	24	24	24	25	26	27	28	26	
21	24	22	20	19	19	20	21	21	21	21	21	21	20	20	20	20	19	19	20	22	25	25	26	29	21	
22	35	37	27	33	35	49	49	37	29	28	24	24	25	22	21	20	19	22	24	27	31	33	33	33	30	
23	31	32	31	32	33	51	42	33	***	***	20	19	19	20	20	21	22	23	23	24	25	25	24	25	27	
24	24	24	22	21	21	17	19	20	19	19	19	19	19	20	20	20	19	20	21	21	23	23	24	23	21	
25	23	23	22	21	20	20	22	21	19	19	19	19	21	21	20	20	19	21	21	21	20	19	19	19	20	
26	16	16	17	17	18	19	19	20	22	21	22	24	25	25	24	23	22	21	21	22	21	20	19	18	21	
27	18	17	18	21	24	23	22	20	22	19	20	21	22	23	23	23	23	23	23	23	23	24	23	24	22	
28	29	29	28	30	27	24	25	27	***	28	25	24	25	21	18	18	19	18	20	21	24	26	30	29	25	
29	35	43	43	41	39	42	34	38	26	23	20	21	22	23	21	20	19	19	21	24	27	27	26	26	28	
30	25	25	22	20	22	33	33	23	19	19	20	20	21	22	21	22	21	21	24	26	35	43	29	31	25	
31	33	30	31	35	43	49	43	38	30	28	26	26	24	24	25	25	24	26	26	28	35	39	44	33	32	
MEAN	28	28	27	27	28	30	30	29	27	24	22	22	22	22	21	21	21	21	22	23	25	26	27	28	25	1

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS														UNITS - 0.1 PARTS/MILLION											
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR														MONTH - AUG 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	31	29	27	31	43	46	43	42	29	28	21	20	24	21	20	21	25	24	27	26	29	25	24	28	29
2	26	25	27	28	32	34	40	36	26	22	27	23	24	25	27	27	25	23	23	25	27	27	25	23	27
3	21	19	18	17	15	16	16	13	13	13	15	14	19	18	17	19	18	18	17	17	18	17	19	22	17
4	29	29	23	23	19	20	21	19	20	18	16	17	19	18	19	19	19	18	19	18	19	18	19	19	20
5	25	31	30	18	12	10	10	11	11	13	16	17	18	19	19	19	18	16	15	15	15	16	16	16	17
6	16	15	15	15	14	13	14	16	15	14	17	15	15	15	33	17	30	19	18	18	19	19	19	20	18
7	20	22	22	22	21	23	25	28	20	18	17	19	18	18	18	19	19	18	19	21	27	32	33	37	22
8	50	53	51	60	58	45	36	32	25	21	19	20	19	18	16	16	16	17	17	18	23	19	23	20	29
9	21	21	21	24	29	29	33	31	30	25	23	23	22	23	23	21	21	21	23	24	24	28	25	25	25
10	22	21	20	21	21	19	20	22	21	20	21	21	21	22	22	22	23	23	23	23	23	24	22	21	22
11	18	16	16	18	17	17	17	17	16	18	20	21	21	20	20	21	20	19	21	26	24	30	37	42	21
12	32	26	21	23	21	21	25	24	23	25	26	23	21	22	22	21	20	19	21	23	25	26	30	33	24
13	28	27	24	23	23	27	23	22	19	22	24	26	24	23	22	21	20	18	17	20	21	23	23	21	23
14	20	19	19	19	20	22	24	23	20	19	18	18	20	21	22	19	19	23	24	23	24	24	24	21	21
15	25	21	20	20	20	19	22	23	25	21	23	21	19	21	21	23	20	19	18	19	20	23	22	23	21
16	21	21	20	21	20	21	24	21	19	21	21	23	22	24	25	24	24	23	23	25	23	29	37	34	24
17	31	26	23	22	23	24	25	29	25	25	23	23	21	20	***	***	***	***	***	***	***	***	***	***	***
18	***	***	***	***	***	***	***	***	***	***	***	***	***	***	19	21	23	23	24	25	25	25	24	23	***
19	24	22	21	23	21	23	25	21	17	17	15	17	17	17	17	16	17	20	23	20	19	19	20	21	19
20	22	22	22	23	23	25	26	21	17	16	17	15	16	16	21	18	20	19	20	20	19	21	21	21	20
21	21	19	20	19	18	19	26	25	21	19	22	23	25	25	23	21	22	31	33	19	21	22	20	19	22
22	19	19	19	18	19	19	23	22	20	21	21	20	19	19	19	19	22	21	21	21	21	21	23	25	20
23	26	24	22	21	21	21	24	23	26	25	25	25	25	25	25	27	28	29	29	28	24	24	29	31	25
24	27	26	24	24	25	27	27	28	28	29	32	32	34	31	31	28	27	29	29	24	23	22	21	19	27
25	20	23	21	19	18	20	19	17	16	15	14	16	17	17	18	22	15	17	19	24	23	22	21	19	27
26	28	25	23	33	29	28	24	22	19	20	21	19	16	17	16	17	16	17	19	24	27	27	39	20	20
27	23	23	21	21	23	22	20	22	19	19	20	19	19	18	***	***	***	***	***	***	***	***	***	***	***
28	53	57	59	70	64	70	65	71	46	22	21	18	19	18	17	17	17	17	18	20	22	23	23	24	24
29	21	22	22	23	25	24	22	24	19	18	18	20	22	21	21	20	20	20	23	23	23	25	21	26	22
30	28	24	23	22	20	20	21	21	20	22	21	20	20	19	19	20	20	19	18	18	17	17	17	17	20
31	16	16	15	15	16	16	16	16	19	18	18	18	19	19	19	19	22	23	21	25	24	27	25	23	19
MEAN	25	25	24	25	24	25	25	25	21	20	20	20	21	20	21	20	21	21	22	22	23	24	25	25	22.7



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH - SEP 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	25	24	23	23	27	26	27	29	27	22	22	22	24	23	23	23	22	22	21	23	32	34	41	44	26
2	48	45	37	31	23	24	30	31	28	25	24	22	21	21	21	20	19	19	19	19	18	19	20	20	25
3	20	20	21	27	31	25	28	24	21	19	18	18	25	22	23	22	20	20	23	24	25	25	25	25	23
4	25	25	23	22	21	20	21	25	24	23	22	21	22	22	21	21	23	25	23	25	24	26	27	25	23
5	27	27	27	29	27	23	27	25	37	24	22	22	22	19	18	23	22	20	18	18	19	21	23	22	23
6	21	19	19	19	19	19	21	21	21	22	24	25	26	26	25	25	24	23	22	25	29	31	29	25	23
7	31	32	36	35	31	38	50	38	24	22	22	23	23	22	21	20	19	19	19	21	21	20	20	20	26
8	21	23	26	27	23	25	26	25	22	20	19	19	19	19	20	20	20	20	20	20	20	21	20	19	21
9	19	20	22	21	20	21	25	25	23	19	21	20	21	21	21	21	20	21	20	23	26	25	24	23	22
10	22	22	23	21	20	24	23	24	21	19	19	20	19	19	19	19	17	18	19	20	21	20	20	20	20
11	21	20	19	19	19	20	22	23	21	20	19	18	21	18	17	18	18	18	20	21	17	17	16	16	19
12	16	15	15	15	15	15	17	18	19	19	19	21	21	20	20	20	19	21	21	20	21	21	22	22	19
13	22	22	22	21	20	21	23	25	23	21	20	20	22	22	22	21	21	21	20	23	24	22	22	22	26
14	21	23	26	30	33	38	35	27	25	23	26	25	26	25	24	23	22	22	22	23	24	23	26	23	26
15	25	25	28	27	31	35	36	37	38	30	23	22	23	22	22	23	22	23	25	26	27	26	29	32	27
16	30	23	21	21	22	26	25	27	29	29	28	30	32	30	27	30	26	24	25	24	23	23	28	37	27
17	37	39	37	34	32	39	36	45	31	23	19	19	19	19	19	21	22	21	20	22	22	21	21	21	27
18	21	20	20	20	20	22	23	25	23	24	21	22	25	23	22	24	31	33	34	34	32	32	30	27	25
19	28	29	27	25	22	24	23	24	24	23	***	23	21	21	20	22	20	21	20	20	20	19	19	18	20
20	20	19	22	21	21	20	21	20	19	21	22	22	22	22	22	21	20	19	19	19	18	19	19	18	20
21	19	19	20	19	19	19	18	19	18	19	19	19	21	20	19	19	19	19	18	18	18	18	19	19	19
22	22	21	20	21	21	21	25	26	25	25	23	21	21	20	20	20	20	18	19	21	24	25	25	25	22
23	26	26	26	26	27	27	38	33	33	31	27	24	23	22	23	23	22	21	23	23	21	21	21	21	25
24	20	19	19	20	20	21	22	23	23	22	22	21	22	21	21	21	19	19	19	19	20	19	19	18	20
25	19	19	19	19	19	19	19	21	21	20	25	23	22	23	24	25	24	21	22	22	22	23	23	22	22
26	22	23	21	20	20	22	23	27	27	27	25	25	26	26	26	26	26	24	25	24	25	27	26	26	25
27	24	23	22	23	23	22	23	24	24	24	25	24	23	24	24	24	25	23	26	35	51	48	53	38	28
28	30	30	28	26	26	26	27	28	29	29	29	29	29	30	31	31	31	30	29	30	30	30	31	32	29
29	33	34	32	33	36	42	46	53	40	25	25	24	24	23	24	27	25	25	27	27	25	24	26	31	30
30	27	25	25	25	27	31	26	30	27	27	27	24	23	23	23	25	28	27	27	27	27	27	27	27	26
MEAN	25	24	24	24	24	25	27	27	26	23	23	22	23	22	22	23	22	22	23	24	24	24	25	25	23.8

NOTES 1 \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2 - INDICATES DATA IS UNAVAILABLE  
3 \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH - OCT 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	25	24	25	27	24	23	23	25	23	23	23	****	21	19	20	19	19	19	19	21	21	20	18	17	22
2	16	16	15	16	16	17	19	21	20	19	20	19	21	21	21	23	21	20	19	24	36	38	39	32	22
3	29	30	24	20	19	20	21	20	21	21	22	22	22	22	25	24	22	22	23	23	22	22	25	29	23
4	29	27	23	22	26	27	30	34	34	29	29	31	34	32	29	28	27	26	25	25	24	25	25	24	28
5	27	27	27	26	26	26	27	25	27	27	26	26	27	25	23	23	23	22	24	25	25	24	25	23	25
6	20	22	22	23	23	25	28	30	27	25	22	18	18	18	18	19	19	19	24	25	21	18	18	22	
7	22	23	23	22	26	33	37	57	34	29	29	23	23	21	23	22	20	21	22	21	21	21	19	26	
8	19	17	19	20	18	22	22	25	22	23	20	19	19	17	17	18	18	19	19	18	18	17	17	19	
9	17	16	16	15	15	15	18	20	20	20	21	28	31	28	25	23	22	19	18	18	17	16	24	26	20
10	23	20	18	18	25	28	28	25	22	34	38	32	27	23	21	20	20	24	28	26	24	27	25	25	25
11	25	24	24	25	24	25	24	24	23	24	25	26	25	25	24	23	23	23	24	26	27	26	27	26	25
12	25	25	26	27	28	28	25	25	27	27	27	30	32	30	28	25	24	24	23	23	22	21	23	26	26
13	21	20	20	19	20	18	19	20	21	23	24	27	28	29	30	30	30	30	33	32	33	32	31	25	23
14	29	29	28	25	24	25	29	30	30	32	31	30	29	27	24	23	20	20	21	22	23	25	26	24	26
15	21	22	22	21	18	19	21	21	20	19	19	20	20	21	22	21	20	20	19	18	17	16	15	20	21
16	15	16	17	16	17	17	19	23	23	22	23	23	21	23	22	21	21	23	23	23	23	26	19	16	21
17	16	15	15	15	15	15	16	16	17	17	19	17	18	18	17	17	17	16	15	15	15	15	14	16	16
18	13	13	13	13	13	13	13	14	15	15	16	16	17	16	17	16	16	16	16	16	16	15	15	15	15
19	15	15	15	15	15	15	16	18	19	18	17	17	17	16	15	15	16	17	18	18	19	19	20	17	17
20	19	17	18	19	20	24	24	24	26	26	24	****	21	21	20	20	19	19	19	19	19	19	19	18	21
21	17	19	20	21	21	20	19	22	22	23	22	22	24	24	24	26	27	29	34	44	46	33	29	30	26
22	29	33	35	39	35	35	51	77	74	40	27	28	28	26	22	23	23	24	24	24	23	25	25	24	33
23	23	23	22	21	21	21	21	24	25	24	25	23	25	21	21	21	19	22	23	24	23	20	23	25	23
24	24	22	21	20	22	21	23	27	21	20	21	21	22	21	21	22	21	20	20	19	19	19	19	19	21
25	19	18	18	17	18	16	20	17	16	16	16	16	19	19	19	19	19	18	19	19	19	18	18	19	18
26	19	19	20	24	37	42	44	46	34	26	22	20	19	19	19	17	16	18	21	19	18	17	18	24	24
27	23	22	18	19	20	21	28	29	27	26	25	23	23	21	21	19	19	20	20	20	20	24	23	23	22
28	24	23	23	23	24	26	19	21	21	19	17	18	****	17	17	17	18	19	19	19	21	24	24	21	21
29	17	17	17	16	16	17	17	18	19	19	19	21	19	21	19	18	17	16	16	16	15	15	15	17	17
30	15	14	14	14	14	14	16	16	20	20	19	17	18	18	18	19	19	18	20	21	20	18	20	21	18
31	20	17	17	15	16	13	13	14	15	15	15	16	15	14	14	14	17	14	13	13	12	14	13	14	15
MEAN	21	21	20	20	21	22	23	26	25	23	23	22	23	22	21	21	20	21	21	22	22	22	22	21	21.9



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS														UNITS - 0.1 PARTS/MILLION											
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR														MONTH - NOV 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	14	14	14	14	14	14	14	13	13	14	16	16	16	15	15	15	17	15	15	16	15	15	15	15
2	18	18	16	16	19	17	17	17	17	19	19	19	17	17	18	18	19	18	21	20	19	19	16	17	18
3	17	19	19	19	19	19	19	20	22	***	24	22	21	24	24	21	23	26	24	21	21	21	21	21	21
4	21	20	21	21	20	20	22	23	26	25	23	21	23	23	30	22	23	26	24	21	21	21	21	21	21
5	29	24	21	21	21	23	22	23	27	26	27	29	31	31	24	21	23	25	26	25	25	26	27	23	23
6	62	43	35	37	36	40	44	50	45	34	26	22	24	23	23	23	23	24	22	34	40	42	47	46	29
7	21	23	24	25	23	20	20	23	24	22	20	18	18	18	19	19	20	22	20	20	18	18	17	20	20
8	17	17	18	19	19	17	16	17	17	20	23	24	26	27	27	27	27	34	35	39	45	45	44	33	26
9	29	27	29	29	30	29	28	23	21	21	28	23	20	20	20	20	21	21	20	19	18	17	16	23	23
10	15	15	15	14	14	14	15	15	16	17	17	17	19	18	18	18	19	20	20	21	20	21	22	18	18
11	22	22	22	24	27	29	37	45	43	39	32	25	23	23	21	21	21	23	27	27	22	23	23	21	27
12	21	20	20	19	20	22	26	29	27	***	23	22	21	20	18	19	21	19	19	18	17	17	17	21	21
13	17	16	15	17	17	19	19	21	23	28	28	27	24	22	22	23	24	26	23	19	18	19	19	17	21
14	17	16	16	15	16	16	16	19	19	20	22	22	22	22	23	28	27	26	27	27	23	21	21	21	21
15	19	18	20	22	21	20	17	17	17	18	19	19	20	20	19	19	20	20	20	19	20	22	23	23	20
16	26	28	33	37	35	31	35	40	42	36	29	26	26	27	27	28	28	27	29	27	25	26	28	31	30
17	32	30	31	29	30	30	36	37	39	28	27	27	25	27	28	28	36	30	27	26	25	27	29	29	30
18	29	27	28	27	26	29	33	38	41	40	34	41	58	59	35	29	33	32	35	43	45	43	53	64	38
19	64	45	42	33	29	29	39	33	34	28	28	29	27	26	27	27	28	31	31	28	28	26	27	26	32
20	26	25	25	23	23	22	28	26	24	21	20	19	17	18	18	17	16	14	15	15	18	16	16	20	20
21	15	16	15	15	16	16	16	20	20	23	21	20	19	20	21	22	22	20	22	23	22	20	21	19	19
22	19	18	18	18	17	17	18	19	20	20	22	23	28	28	29	26	24	24	24	24	26	25	23	23	22
23	23	23	25	23	24	22	20	23	23	25	25	25	26	28	32	29	23	21	23	25	27	31	27	25	25
24	24	24	22	21	22	21	24	29	31	***	23	30	26	27	27	24	24	23	21	19	19	19	18	18	23
25	18	17	17	17	18	22	22	22	25	25	31	31	30	29	26	26	26	24	21	18	18	18	18	23	21
26	18	18	17	17	18	18	19	22	26	29	31	27	22	21	19	19	22	***	19	19	18	18	18	21	21
27	19	18	18	19	17	17	18	18	19	20	20	21	21	21	22	22	24	23	22	22	23	23	23	21	21
28	22	22	22	22	21	21	23	23	24	25	25	28	26	24	24	23	24	***	***	***	***	***	***	***	23
29																									
30																									
MEAN	24	22	22	22	22	22	24	25	26	25	24	24	24	24	23	23	23	24	24	24	24	24	24	24	23.6

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS														UNITS - 0.1 PARTS/MILLION												
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR														MONTH - DEC 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	***	***	***	***	***	***	***	***	***	***	***	***	***	20	20	19	19	22	21	19	20	20	21	21	21	***
2	23	21	20	20	21	20	21	22	23	24	***	***	***	20	20	19	19	22	21	19	20	20	21	21	21	***
3	16	17	17	17	17	17	20	22	23	25	23	23	22	23	25	21	24	26	29	24	25	25	23	22	22	20
4	22	21	20	19	19	19	22	23	25	21	23	23	23	23	24	25	29	28	29	29	32	33	31	29	25	
5	27	26	26	27	27	25	26	28	32	27	25	27	***	***	24	25	24	28	24	25	22	21	22	19	25	
6	20	20	20	19	19	20	21	19	19	20	21	21	22	22	22	21	21	21	21	20	21	20	21	20	21	
7	21	20	19	19	19	18	18	18	19	19	19	19	21	21	20	20	19	20	20	19	19	19	19	19	19	
8	21	21	21	21	21	21	21	21	23	27	28	24	22	21	21	20	22	21	21	19	20	20	20	20	19	
9	21	21	21	21	21	22	24	28	35	37	38	38	40	***	32	31	28	28	29	24	23	22	22	21	27	
10	21	20	20	19	19	20	22	23	27	29	26	25	24	24	22	23	25	22	21	21	21	22	24	26	23	
11	24	26	25	24	24	25	23	24	25	27	27	27	28	27	27	28	28	23	21	22	22	18	19	19	24	
12	19	18	18	17	18	17	19	19	19	20	20	21	21	21	21	21	21	22	22	24	25	26	26	25	21	
13	25	25	23	23	24	25	27	31	33	34	35	36	35	28	25	24	24	24	23	23	22	23	23	22	27	
14	22	22	21	21	21	20	21	21	21	19	21	22	22	20	21	20	21	22	22	21	19	22	21	19	21	
15	20	23	24	19	23	21	21	24	24	26	25	23	23	23	23	23	23	24	22	22	21	21	21	22	23	
16	24	23	21	22	23	23	23	24	28	29	28	24	26	26	24	25	25	24	22	22	22	22	21	21	24	
17	23	22	22	24	22	22	23	22	23	24	23	22	23	21	20	23	25	22	20	20	20	21	21	21	22	
18	23	22	21	20	19	20	20	21	22	22	20	19	19	19	19	20	20	21	20	21	20	21	21	21	22	
19	24	23	22	23	23	24	24	24	24	20	20	20	19	19	19	20	32	23	24	24	22	20	20	21	22	
20	18	19	20	19	20	20	20	21	22	23	24	23	21	25	26	23	22	21	20	20	19	19	***	***	21	
21															- DATA INVALID -											
22	***	***	***	***	***	***	***	***	***	***	***	***	***	26	24	23	23	29	21	21	24	20	20	15	15	***
23	14	14	14	13	12	13	13	14	15	***	19	19	19	19	19	20	20	21	24	24	23	26	26	26	19	
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26	21	21	21	21	21	22	23	23	23	23	23	23	23	21	22	22	23	23	22	22	21	23	23	22	25	
27	23	23	24	24	24	25	25	26	27	28	31	30	24	20	22	21	22	23	23	26	26	24	23	23	22	
28	25	28	29	28	27	26	30	31	30	23	23	24	25	24	24	23	24	27	47	36	38	30	31	34	29	
29	38	44	61	87	70	73	71	66	110	60	39	27	30	25	22	21	26	21	20	23	22	20	19	42	29	
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31	21	20	21	21	20	21	21	22	21	21	21	23	21	20	24	21	20	19	20	20	21	21	21	20	21	
MEAN	23	23	24	24	23	23	24	25	28	26	25	24	24	22	23	22	24	23	23	23	23	22	22	22	23	23



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	18.0	28	40
FEB	28	20.3	26	50
MAR	10	20.9	29	38
APR	28	18.2	22	50
MAY	31	23.5	30	52
JUN	30	22.1	26	53
JUL	31	25.1	35	79
AUG	29	22.7	36	71
SEP	30	23.8	30	53
OCT	31	21.9	33	77
NOV	28	23.6	38	64
DEC	28	23.6	42	110
YEAR	335	22.1	42	110

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	68	379	263	24	0	0	0	0	734
FEB	0	289	361	18	0	0	0	0	668
MAR	0	103	139	11	0	0	0	0	253
APR	10	440	207	9	0	0	0	0	666
MAY	0	145	514	60	0	0	0	0	719
JUN	0	196	497	23	0	0	0	0	716
JUL	0	93	522	116	6	0	0	0	737
AUG	2	234	428	50	5	0	0	0	719
SEP	0	118	530	71	0	0	0	0	719
OCT	0	286	411	42	2	0	0	0	741
NOV	0	204	381	73	3	0	0	0	661
DEC	0	93	545	37	6	1	0	0	682
YEAR	80	2580	4798	534	22	1	0	0	8015

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
91.5	0	15.0	18.7	20.7	23.0	28.1	31.9	38.9	44.9	110	22.1



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION												
	STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA												MONTH - JAN 75												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	26	29	27	26	25	26	24	22	23	23	22	22	21	21	21	21	21	22	21	21	21	21	22	21	23
2	23	21	22	19	19	21	24	30	31	27	29	25	22	24	23	23	23	25	26	23	23	23	24	27	24
3	21	21	20	19	19	19	18	20	21	22	22	23	24	24	23	24	26	24	22	22	24	22	21	22	24
4	23	25	24	21	32	38	39	44	34	27	29	30	27	30	31	29	24	23	23	21	23	21	23	22	22
5	27	24	24	25	23	22	23	24	26	28	27	27	24	22	22	22	23	32	39	37	43	28	29	23	27
6	22	22	22	24	22	21	22	24	25	28	32	36	29	28	29	25	28	27	25	26	25	26	27	25	26
7	24	26	26	26	25	24	26	27	23	24	22	22	24	24	24	25	28	27	25	26	25	26	27	25	26
8																									
9																									
10																									
11																									
12	28	27	27	26	26	26	27	27	27	27	27	28	27	28	28	27	27	27	26	27	27	26	25	26	27
13	24	24	24	24	23	23	24	25	24	25	25	25	24	24	24	23	24	23	22	22	23	23	22	22	24
14	21	23	21	20	21	20	21	22	21	23	22	23	23	23	24	24	25	24	21	22	22	24	22	23	22
15	22	22	21	20	24	23	24	41	42	37	25	26	25	25	25	26	26	26	25	25	25	25	24	24	26
16	23	29	26	23	24	24	24	26	25	24	25	25	25	26	25	26	28	27	26	25	25	25	26	26	25
17	26	25	25	24	25	24	25	25	28	28	27	31	26	25	24	29	30	29	33	32	29	27	30	25	27
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19	20	21	21	20	19	20	21	21	22	21	21	22	22	22	22	22	22	22	22	22	21	22	22	21	21
20	21	21	20	21	19	21	22	20	21	24	24	25	30	28	26	25	26	22	22	22	22	20	22	22	23
21	20	21	20	20	21	22	22	23	21	20	24	23	24	24	25	25	24	27	28	26	25	27	33	31	29
22	25	24	24	24	24	23	22	23	23	24	23	24	24	25	25	24	27	28	26	25	27	33	31	29	25
23	33	26	29	38	41	28	27	33	33	39	37	32	34	36	35	35	36	37	34	36	38	35	37	32	34
24	24	25	24	23	23	26	36	47	41	35	40	33	36	37	35	30	31	34	32	36	39	34	36	34	33
25	34	36	34	25	28	29	25	26	25	28	32	27	45	29	24	22	27	22	23	21	23	20	19	27	27
26	18	18	18	18	17	17	17	18	19	21	20	21	21	22	22	22	22	22	22	24	23	23	23	23	20
27	22	22	22	22	22	24	23	23	23	23	22	23	22	23	24	23	23	25	25	25	24	28	25	28	24
28	28	28	27	28	27	30	30	26	30	28	29	27	27	27	28	29	30	33	33	32	31	28	29	28	29
29	26	26	25	25	26	27	28	30	32	45	49	26	22	22	22	22	22	22	22	22	23	23	23	23	26
30	22	22	22	23	23	23	23	24	24	25	24	24	24	25	25	26	28	29	27	24	25	25	26	27	25
31	26	25	26	26	24	25	37	25	25	24	23	23	23	22	25	25	26	26	22	21	22	22	20	21	24
MEAN	24	24	24	23	24	24	25	27	27	27	27	26	26	27	26	26	26	27	26	25	26	25	25	25	25.5

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION												
	STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA												MONTH - FEB 75												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	19	19	19	20	19	19	19	19	22	20	21	21	23	23	24	25	25	24	22	22	24	23	24	22
2	23	21	21	20	21	21	25	33	32	26	30	28	22	23	21	23	22	22	22	23	22	24	26	27	24
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6	29	30	29	26	26	26	25	25	26	24	22	25	26	26	29	29	28	29	27	23	24	23	23	23	26
7	22	22	22	23	23	23	24	23	23	23	23	25	24	24	24	24	25	26	23	22	22	29	32	23	24
8	21	19	19	18	19	19	21	22	22	23	24	25	25	25	26	25	24	25	23	25	24	27	23	23	22
9	23	22	23	22	21	21	21	22	22	22	21	22	21	22	22	23	22	22	21	23	22	26	23	21	22
10	23	20	21	21	21	22	22	23	40	22	23	23	21	21	22	21	20	22	21	23	22	23	23	24	23
11	23	23	22	30	26	29	36	36	28	29	28	26	28	28	28	28	28	29	30	29	28	30	27	27	28
12	27	29	30	29	28	28	30	29	33	34	22	24	23	20	20	19	21	18	17	16	16	17	17	16	24
13	16	16	16	16	15	15	16	15	16	17	19	17	18	18	18	19	20	21	23	25	23	22	20	19	19
14	21	23	22	23	21	20	21	22	23	26	28	30	29	29	29	28	31	32	29	30	30	35	31	33	27
15	30	28	29	28	26	25	25	25	26	25	25	27	26	27	26	26	26	25	25	25	26	30	24	26	26
16	24	24	24	24	24	24	24	23	24	25	25	23	23	23	23	24	24	24	24	26	24	24	23	26	24
17	23	23	25	25	24	24	23	24	25	25	25	23	23	24	26	26	30	43	32	28	27	26	25	24	26
18	23	23	23	22	22	21	21	22	24	24	23	24	26	27	30	30	32	33	26	26	23	24	23	23	25
19	24	23	21	21	21	22	24	27	22	22	22	24	23	22	23	24	26	27	25	29	24	27	26	25	24
20	23	23	22	21	21	22	27	24	21	20	22	27	30	26	27	24	27	28	49	30	37	26	48	55	28
21	46	45	34	21	21	22	31	28	27	22	25	28	30	35	35	41	35	31	27	33	37	35	27	26	31
22	23	23	24	26	25	25	24	24	24	35	37	40	33	42	53	54	54	42	30	38	42	43	33	30	34
23	29	28	26	25	24	25	24	24	24	24	24	24	23	24	25	23	23	24	24	25	24	26	25	25	25
24	23	22	21	21	21	21	21	23	28	28	29	29	27	26	31	30	32	27	17	17	17	21	25	25	24
25	28	24	26	19	20	20	20	27	28	26	17	28	32	22	20	17	18	17	18	17	16	17	17	17	21
26	15	15	16	17	17	18	18	19	18	19	20	21	23	25	25	24	25	25	25	25	25	26	25	25	21
27	24	24	24	23	23	22	22	21	20	18	21	22	21	21	22	21	22	22	22	23	23	25	25	24	22
28	23	29	34	23	21	22	21	23	24	26	33	38	30	22	22	21	20	22	21	19	18	24	18	19	24
MEAN	24	24	24	22	22	22	23	24	24	24	24	26	25	25	26	26	26	27	25	25	25	26	25	25	24.6



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA

MONTH - MAR 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	19	17	16	17	17	18	18	19	17	17	17	18	17	18	20	21	20	20	19	21	20	21	21	21	19	
2	17	17	17	17	16	16	16	16	17	17	17	18	19	20	20	20	20	20	20	20	20	19	18	18	18	
3	19	19	19	19	19	20	21	21	21	22	***	***	21	22	22	23	26	25	24	25	25	24	23	22	22	
4	21	21	21	22	22	21	20	21	23	22	23	23	23	24	25	24	27	26	23	25	28	25	29	44	24	
5	30	25	24	41	33	39	55	29	28	26	25	24	***	29	26	27	30	26	25	24	26	27	29	26	29	
6	25	28	35	44	24	24	24	24	24	26	25	26	26	27	27	25	26	27	25	26	28	29	31	30	27	
7	25	27	26	23	23	22	24	24	24	***	27	25	26	25	24	24	24	24	23	23	23	23	22	23	24	
8	22	22	21	21	21	21	24	23	23	23	22	22	23	24	24	25	26	26	27	26	27	29	31	29	24	
9	27	27	28	29	28	27	25	24	26	24	23	22	23	23	23	24	24	24	24	24	25	26	25	27	25	
10	28	30	27	27	26	26	28	29	30	***	22	21	21	21	24	22	23	24	22	25	26	27	27	31	26	
11	27	30	27	34	55	44	98	83	53	27	23	23	23	24	24	24	25	23	25	27	24	25	24	23	34	
12	23	23	22	24	23	23	24	26	***	26	27	41	43	51	35	32	30	28	26	25	27	28	25	27	29	
13	25	25	25	25	24	25	25	26	27	28	28	29	30	30	31	30	33	31	30	29	29	30	32	30	28	
14	28	28	27	28	29	28	26	29	30	***	22	21	21	21	24	22	23	24	22	25	26	27	27	31	26	
15	- DATA INVALID -												- DATA INVALID -													
16	- DATA INVALID -												- DATA INVALID -													
17	***	***	***	***	***	***	***	***	***	***	***	***	27	28	29	33	30	31	35	39	45	33	30	28	28	***
18	29	26	25	25	24	24	25	26	26	25	24	24	23	24	24	27	26	24	24	24	24	23	24	25	26	
19	24	24	23	24	24	23	23	25	***	28	31	31	27	26	26	27	26	24	24	24	24	23	24	26	26	
20	24	23	24	25	24	24	25	26	25	22	24	23	24	25	25	27	26	26	28	31	32	30	29	26	26	
21	31	31	30	29	33	33	30	37	26	20	22	23	23	21	21	21	19	19	18	21	20	26	28	31	26	
22	22	19	19	19	19	19	20	21	24	30	32	21	21	20	20	21	21	20	19	31	30	40	37	29	24	
23	23	24	25	24	23	23	23	22	21	21	22	23	23	24	25	26	26	27	28	26	25	24	25	24	24	
24	22	22	22	22	21	21	21	22	22	21	21	22	23	26	***	***	***	***	26	27	28	34	24	22	23	24
25	29	31	31	26	16	16	14	14	13	14	17	18	20	20	19	19	19	19	18	19	19	19	19	19	20	
26	18	18	18	18	18	18	18	18	18	19	19	20	21	21	22	22	23	23	23	24	25	26	27	29	23	
27	20	20	20	20	20	19	20	22	22	***	19	20	22	23	22	20	20	21	21	22	25	23	21	21	21	
28	23	23	21	20	21	20	18	18	18	19	19	19	19	19	19	18	20	19	20	19	19	21	20	19	20	
29	21	20	20	20	23	26	21	21	22	21	21	19	19	18	20	19	20	20	19	19	21	20	19	20	20	
30	18	17	16	15	14	13	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	15	15	14	
31	14	14	14	14	14	14	15	15	15	16	17	20	18	19	19	20	20	20	19	20	21	21	22	23	18	
MEAN	23	23	23	24	23	23	25	25	23	22	23	23	23	24	23	23	24	24	24	24	25	25	25	25	23	9

- NOTES 1 \*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2 - INDICATES DATA IS UNAVAILABLE  
 3 \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA

MONTH - APR 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	31	26	21	21	21	22	22	22	22	24	24	25	25	24	25	26	24	28	30	32	35	36	26	
2	32	37	31	26	26	27	27	28	29	26	24	24	24	25	24	22	24	25	24	23	23	23	24	26	
3	24	24	24	23	23	23	23	23	24	23	23	25	26	25	25	25	28	28	27	28	30	29	28	26	
4	23	23	23	23	23	24	24	24	25	26	25	25	25	24	23	24	24	24	24	24	24	25	27	26	
5	24	23	23	23	23	24	24	24	23	23	22	21	22	22	22	24	24	23	25	26	25	25	25	24	
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7	24	24	24	25	26	26	26	27	27	28	23	22	20	21	22	23	24	23	22	23	23	23	23	24	
8	26	26	26	26	26	20	20	21	21	21	22	19	18	18	18	20	18	18	17	19	16	17	16	16	
9	22	23	20	21	20	20	21	21	21	21	22	19	18	18	18	20	18	18	17	19	16	17	16	16	
10	16	15	14	14	15	16	14	15	15	15	14	16	18	18	18	19	20	21	22	23	23	21	20	21	
11	21	20	19	19	19	18	19	20	19	18	18	18	19	20	18	19	21	22	23	24	25	28	24	24	
12	22	22	22	25	21	20	23	21	20	21	21	22	22	23	23	24	24	24	25	25	29	28	25	26	
13	23	25	31	32	33	28	25	22	21	21	22	23	23	25	26	26	27	28	29	31	34	39	34	31	
14	36	41	39	54	32	34	46	48	44	22	21	22	23	24	25	26	27	28	29	31	34	39	34	31	
15	27	26	27	27	26	26	25	25	25	25	25	25	25	26	27	28	29	29	28	31	35	45	47	47	
16	25	35	40	56	67	44	36	27	25	23	23	23	23	25	27	27	29	29	30	30	29	28	26	25	
17	25	35	40	56	67	44	36	27	25	23	23	23	23	25	27	27	29	29	30	30	29	28	26	25	
18	25	35	40	56	67	44	36	27	25	23	23	23	23	25	27	27	29	29	30	30	29	28	26	25	
19	25	35	40	56	67	44	36	27	25	23	23	23	23	25	27	27	29	29	30	30	29	28	26	25	
20	25	35	40	56	67	44	36	27	25	23	23	23	23	25	27	27	29	29	30	30	29	28	26	25	
21	25	35	40	56	67	44	36	27	25	23	23	23	23	25	27	27	29	29	30	30	29	28	26	25	
22	25	35	40	56	67	44	36	27	25	23	23	23	23	25	27	27	29	29	30	30	29	28	26	25	
23	25	35	40	56	67	44	36	27	25	23	23	23	23	25	27	27	29	29	30	30	29	28	26	25	
24	25	35	40	56	67	44	36	27	25	23	23	23	23	25	27	27	29	29	30	30	29	28	26	25	
25	25	35	40	56	67	44	36	27	25	23	23	23	23	25	27	27	29	29	30	30	29	28	26	25	
26	25	35	40	56	67	44	36	27	25	23	23	23	23	25	27	27	29	29	30	30	29	28	26	25	
27	25	35	40	56	67	44	36	27	25	23	23	23	23	25	27	27	29	29	30	30	29	28	26	25	
28	25	35	40	56	67	44	36	27	25	23	23	23	23	25	27	27	29	29	30	30	29	28	26	25	
29	25	35	40	56	67	44	36	27	25	23	23	23	23	25	27	27	29	29	30	30	29	28	26	25	
30	25	35	40	56	67	44	36	27	25	23	23	23	23	25	27	27	29	29	30	30	29	28	26	25	
MEAN	25	26	25	26	26	25	25	24	23	22	22	22	22	22	23	23	24	24	24	24	25	26	27	26	27



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION												
STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA													MONTH - MAY 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	23	22	23	24	24	26	61	32	29	26	24	24	24	25	25	23	22	21	22	22	22	21	21	25
2	21	23	25	22	25	28	38	30	22	23	21	21	***	***	***	***	***	***	***	***	***	***	***	***	***
3	28	29	52	24	23	35	46	37	28	25	25	20	22	21	20	22	21	21	22	22	35	23	25	24	27
4	22	20	20	19	19	19	19	19	19	19	19	18	19	19	19	18	18	18	18	19	20	19	19	19	19
5	20	20	19	19	19	19	22	***	20	21	21	21	21	21	21	21	21	20	23	25	22	22	24	23	21
6	23	23	21	21	21	21	21	22	22	22	22	22	20	21	21	22	20	20	19	19	22	21	18	18	21
7	18	18	18	17	17	18	18	20	20	***	20	21	22	20	21	21	21	19	21	22	22	22	20	21	20
8	22	21	19	20	20	21	22	23	22	21	22	22	22	24	22	22	22	22	20	21	20	20	19	20	21
9	20	18	18	18	19	20	21	21	23	23	24	21	22	22	22	24	22	21	23	23	27	24	22	22	22
10	21	20	22	21	20	23	27	23	24	23	23	22	25	23	22	23	21	21	21	26	27	44	53	45	26
11	30	28	25	22	22	22	24	24	23	21	19	19	19	19	18	19	21	23	26	37	22	22	25	23	23
12	23	37	27	23	21	19	21	21	21	23	***	22	22	22	21	20	21	20	19	19	20	20	20	19	22
13	20	19	19	20	20	21	22	21	22	23	23	22	21	23	22	22	23	23	24	23	23	37	55	75	26
14	45	51	56	48	66	47	45	64	***	32	27	25	25	26	26	24	21	21	26	28	21	23	27	22	35
15	23	22	19	22	27	23	25	41	43	24	21	21	21	19	20	20	18	17	17	18	17	17	17	22	22
16	18	17	17	17	16	17	18	22	21	20	26	24	25	25	24	25	24	23	24	25	26	25	31	24	22
17	24	24	25	25	24	23	24	26	27	28	27	27	28	28	27	28	27	25	26	28	31	30	26	25	26
18	26	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
19																									
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31																									
MEAN	24	24	25	22	24	24	26	30	24	24	23	22	22	22	22	22	21	21	22	23	24	24	26	26	23

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION													
STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA												MONTH - JUL 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA	INVALID	-										
2													- DATA	INVALID	-										
3													- DATA	INVALID	-										
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9													- DATA	INVALID	-										
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12													- DATA	INVALID	-										
13													- DATA	INVALID	-										
14													- DATA	INVALID	-										
15	***	***	***	***	***	***	***	***	***	32	20	20	19	18	18	16	***	26	27	25	27	25	25	32	***
16	24	27	33	51	41	58	31	44	32	***	***	34	32	34	36	37	39	39	37	39	45	36	43	36	38
17	44	44	44	67	39	26	23	25	27	***	***	25	25	31	32	34	33	26	27	33	39	35	33	43	34
18	43	39	29	29	36	45	39	36	30	24	39	34	26	27	25	24	26	26	24	48	57	59	52	56	36
19	55	51	38	30	29	27	31	31	22	21	21	22	21	22	21	23	20	20	20	21	22	23	20	21	26
20	24	21	21	21	20	19	21	23	22	23	24	25	24	***	***	***	19	18	17	17	18	19	21	22	21
21	31	25	21	23	22	21	20	21	24	24	83	23	22	23	22	24	23	22	24	24	27	28	23	21	26
22	19	18	18	18	19	22	23	19	18	24	28	22	22	24	24	21	21	18	22	29	31	27	26	20	22
23	20	17	16	17	21	22	22	32	19	18	18	19	19	20	20	18	20	19	20	19	20	21	19	19	20
24	16	17	17	18	18	19	21	20	20	19	19	19	20	20	21	23	24	23	24	23	23	21	20	20	20
25	20	21	25	38	37	33	41	26	27	24	20	24	25	28	30	26	27	26	28	29	26	25	22	22	27
26	20	22	26	35	44	81	46	41	24	26	21	22	23	25	24	24	24	24	24	24	24	25	24	24	29
27	25	24	24	22	22	24	24	24	26	25	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
28													- DATA	INVALID	-										
29													- DATA	INVALID	-										
30													- DATA	INVALID	-										
31													- DATA	INVALID	-										
MEAN	28	27	26	31	29	33	29	29	24	24	29	24	23	25	25	25	25	24	25	28	30	29	27	28	26.9

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA

MONTH - AUG 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
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30																									
31																									
MEAN																									

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA

MONTH - SEP 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
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29																									
30																									
31																									
MEAN																									

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION												
STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA													MONTH - OCT 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	25	39	34	32	34	24	23	20	21	22	22	21	23	23	21	22	21	18	19	19	20	19	19	18	23
2	19	18	18	18	18	18	19	20	20	22	22	20	20	21	20	21	21	22	21	22	24	25	51	57	23
3	27	24	24	24	24	24	26	27	28	26	26	24	25	25	24	28	24	22	24	26	25	27	43	47	23
4	50	34	24	24	24	25	37	53	31	27	24	23	23	23	24	24	24	24	24	26	25	27	43	47	27
5	25	39	34	32	34	24	23	20	21	22	22	21	23	23	21	22	21	18	19	19	20	19	19	18	23
6	19	18	18	18	18	18	19	20	20	22	22	20	20	21	20	21	21	22	21	24	25	51	57	23	
7	27	24	24	24	24	24	26	27	28	26	26	24	25	25	24	28	24	22	24	26	25	27	43	47	23
8	50	34	24	24	24	25	37	53	31	27	24	23	23	23	24	24	24	24	24	26	25	27	43	47	27
9	25	39	34	32	34	24	23	20	21	22	22	21	23	23	21	22	21	18	19	19	20	19	19	18	23
10	19	18	18	18	18	18	19	20	20	22	22	20	20	21	20	21	21	22	21	24	25	51	57	23	
11	27	24	24	24	24	24	26	27	28	26	26	24	25	25	24	28	24	22	24	26	25	27	43	47	23
12	50	34	24	24	24	25	37	53	31	27	24	23	23	23	24	24	24	24	24	26	25	27	43	47	27
13	25	39	34	32	34	24	23	20	21	22	22	21	23	23	21	22	21	18	19	19	20	19	19	18	23
14	19	18	18	18	18	18	19	20	20	22	22	20	20	21	20	21	21	22	21	24	25	51	57	23	
15	27	24	24	24	24	24	26	27	28	26	26	24	25	25	24	28	24	22	24	26	25	27	43	47	23
16	50	34	24	24	24	25	37	53	31	27	24	23	23	23	24	24	24	24	24	26	25	27	43	47	27
17	25	39	34	32	34	24	23	20	21	22	22	21	23	23	21	22	21	18	19	19	20	19	19	18	23
18	19	18	18	18	18	18	19	20	20	22	22	20	20	21	20	21	21	22	21	24	25	51	57	23	
19	27	24	24	24	24	24	26	27	28	26	26	24	25	25	24	28	24	22	24	26	25	27	43	47	23
20	50	34	24	24	24	25	37	53	31	27	24	23	23	23	24	24	24	24	24	26	25	27	43	47	27
21	25	39	34	32	34	24	23	20	21	22	22	21	23	23	21	22	21	18	19	19	20	19	19	18	23
22	19	18	18	18	18	18	19	20	20	22	22	20	20	21	20	21	21	22	21	24	25	51	57	23	
23	27	24	24	24	24	24	26	27	28	26	26	24	25	25	24	28	24	22	24	26	25	27	43	47	23
24	50	34	24	24	24	25	37	53	31	27	24	23	23	23	24	24	24	24	24	26	25	27	43	47	27
25	25	39	34	32	34	24	23	20	21	22	22	21	23	23	21	22	21	18	19	19	20	19	19	18	23
26	19	18	18	18	18	18	19	20	20	22	22	20	20	21	20	21	21	22	21	24	25	51	57	23	
27	27	24	24	24	24	24	26	27	28	26	26	24	25	25	24	28	24	22	24	26	25	27	43	47	23
28	50	34	24	24	24	25	37	53	31	27	24	23	23	23	24	24	24	24	24	26	25	27	43	47	27
29	25	39	34	32	34	24	23	20	21	22	22	21	23	23	21	22	21	18	19	19	20	19	19	18	23
30	19	18	18	18	18	18	19	20	20	22	22	20	20	21	20	21	21	22	21	24	25	51	57	23	
31	27	24	24	24	24	24	26	27	28	26	26	24	25	25	24	28	24	22	24	26	25	27	43	47	23
MEAN	26	27	26	26	27	30	31	32	30	27	25	25	25	24	24	25	26	27	28	29	30	28	28	27	27

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION												
STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA													MONTH - NOV 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	35	40	39	41	41	27	36	26	21	20	22	23	23	21	19	20	21	21	21	22	25	25	22	27	27
2	23	22	20	21	22	24	24	27	30	40	40	37	29	28	34	37	44	35	37	25	42	55	29	27	31
3	20	43	20	20	22	22	24	39	48	32	27	27	31	35	30	35	30	26	30	45	29	26	33	24	30
4	27	21	20	20	20	19	20	21	22	22	22	21	22	22	21	21	21	22	24	34	29	24	21	20	22
5	21	21	20	20	19	20	20	37	32	26	21	28	31	28	25	28	40	29	39	44	48	44	21	20	22
6	58	53	73	64	57	64	79	72	52	45	51	44	42	35	34	30	29	26	25	24	23	22	21	22	44
7	22	22	22	35	42	21	23	24	22	24	28	26	26	26	23	30	37	34	29	37	29	24	23	22	27
8	23	21	22	28	37	29	42	47	37	20	17	18	20	21	22	22	24	30	27	25	31	31	37	41	28
9	28	42	45	46	36	26	25	26	24	22	21	20	20	22	19	20	18	18	18	19	18	19	18	18	24
10	19	18	16	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
11	17	18	18	18	18	18	19	25	24	23	25	27	25	25	26	25	22	25	24	23	24	25	23	22	22
12	20	20	20	19	22	24	24	32	41	24	21	23	23	22	21	22	21	20	19	19	19	19	19	19	22
13	19	20	19	18	18	19	19	20	21	23	23	21	23	22	22	22	22	23	22	22	22	23	22	22	21
14	22	22	22	21	21	21	22	22	23	23	23	24	25	25	26	24	26	29	30	30	26	26	25	24	24
15	24	24	22	21	21	24	36	57	52	42	47	43	45	40	42	40	29	35	44	26	25	25	27	28	34
16	27	28	28	28	31	30	29	32	35	33	31	33	37	37	27	27	28	28	30	30	30	35	34	40	31
17	43	52	58	54	56	61	68	73	64	54	40	36	54	57	42	56	50	56	71	53	41	39	39	38	52
18	43	38	38	33	30	30	31	34	37	36	31	28	29	30	37	43	54	57	48	66	49	43	42	41	40
19	41	50	72	81	92	107	107	107	95	104	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56
20	50	47	42	51	27	25	23	25	24	25	23	22	22	21	22	22	23	21	21	22	21	22	23	24	23
21	17	15	16	16	15	16	26	19	17	19	18	18	19	19	23	24	25	24	23	24	24	27	20	20	20
22	22	22	21	21	21	21	21	22	22	23	23	25	26	26	26	26	26	25	25	28	25	25	25	26	24
23	24	26	26	25	25	24	24	24	24	24	24	24	25	24	24	24	25	25	29	46	57	58	38	30	29
24	34	35	31	28	30	29	32	38	33	32	27	26	28	27	28	27	29	27	25	25	25	25	25	24	29
25	24	24	23	23	23	23	24	26	26	28	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
26	20	18	18	19	19	19	19	19	22	21	21	22	25	32	35	23	23	25	22	21	21	21	20	20	23
27	20	20	20	19	20	31	29	26	25	28	23	23	23	24	24	25	27	23	23	25	25	25	25	24	24
28	23	22	22	21	21	21	21	22	23	25	26	25	25	27	26	26	26	26	26	26	26	26	24	24	24
29	23	24	24	23	22	22	22	25	22	23	24	22	23	24	24	23	22	22	21	21	22	23	24	24	23
30	23	24	24	23	23	21	32	32	24	22	19	18	20	20	20	25	17	17	17	17	17	17	17	17	21
MEAN	27	28	29	29	29	29	29	32	32	31	28	26	28	28	26	28	28	27	28	29	28	28	25	25	28.2



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA

MONTH - DEC 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	17	16	16	16	16	16	17	17	18	19	19	18	20	19	20	19	21	19	19	19	20	20	20	20	18	
2	20	23	21	21	21	21	22	23	***	***	25	24	25	25	25	24	26	24	24	24	24	24	21	20	23	
3	21	21	22	22	21	21	23	24	27	25	24	23	24	25	23	24	27	28	27	27	32	30	28	25	25	
4	26	25	24	24	24	23	25	25	27	27	24	25	25	25	25	25	27	26	25	26	25	26	25	24	25	
5	27	26	29	29	41	46	43	48	56	58	59	52	47	39	35	37	39	43	69	55	49	54	52	47	45	
6	58	55	39	47	26	22	23	23	23	23	24	23	24	24	23	23	23	23	25	24	23	23	23	24	30	
7	23	22	22	22	22	22	23	23	23	22	22	23	24	24	23	23	23	23	25	25	24	24	23	23	23	
8	24	23	24	23	22	22	23	24	26	25	25	24	24	25	26	28	29	26	24	24	24	24	23	23	24	
9	23	23	23	23	23	22	23	25	28	30	26	28	34	30	31	31	29	25	24	23	22	21	21	21	25	
10	20	20	20	20	20	20	21	24	25	26	24	24	25	28	26	25	26	26	26	26	24	25	24	23	23	24
11	24	24	24	23	23	24	24	24	24	***	***	25	25	25	25	23	25	27	22	22	23	24	23	22	24	
12	21	20	20	20	20	20	20	21	22	22	22	22	23	23	25	25	24	25	23	24	24	24	24	24	22	
13	23	23	23	23	23	24	24	25	25	26	25	27	29	31	33	31	31	30	37	34	29	30	31	28	28	
14	34	31	30	30	31	30	27	26	29	29	27	29	32	42	41	40	32	31	39	40	34	29	42	29	33	
15	33	50	26	36	39	28	23	23	23	23	23	23	23	23	***	26	29	28	27	27	26	25	25	24	28	
16	24	24	25	25	25	25	26	26	28	30	29	32	32	44	43	39	36	45	34	31	31	29	28	42	31	
17	40	30	33	41	37	28	28	27	29	29	29	29	29	31	31	30	31	33	29	30	30	29	28	28	31	
18	29	28	27	27	27	27	28	30	30	32	31	31	31	32	33	31	33	35	31	31	31	31	31	31	30	
19	31	31	31	31	31	31	32	36	36	37	37	***	25	25	25	31	25	25	24	23	23	20	21	19	28	
20	20	19	20	19	19	19	19	19	20	21	22	21	21	21	22	21	21	20	19	19	19	19	20	20	20	
21	19	19	19	19	20	20	20	20	21	21	21	21	21	22	22	20	23	24	26	21	22	21	20	21	21	
22	21	22	22	22	21	22	23	23	26	65	52	52	33	33	36	31	31	31	29	28	27	26	23	20	30	
23	21	21	20	20	19	20	20	21	21	21	22	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
24																										
25																										
26																										
27																										
28																										
29																										
30																										
31	***	***	***	***	***	***	***	***	***	***	***	26	24	26	24	23	22	22	20	19	19	18	18	18	***	
MEAN	26	26	24	25	25	24	24	25	27	29	28	27	27	28	28	28	28	28	28	27	26	26	26	25	26	5

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	25.5	34	49
FEB	28	24.6	34	55
MAR	27	23.9	34	98
APR	24	24.4	31	67
MAY	16	23.7	35	75
JUN	DATA UNAVAILABLE			
JUL	11	26.9	38	83
AUG	16	30.7	43	56
SEP	30	23.6	40	78
OCT	28	27.3	44	95
NOV	29	28.2	52	107
DEC	22	26.5	45	69
YEAR	257	25.8	52	107

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141 - 200	201&OVER	TOTAL
JAN	0	18	544	78	0	0	0	0	640
FEB	0	67	540	55	0	0	0	0	662
MAR	0	127	487	47	1	1	0	0	663
APR	1	90	458	51	1	0	0	0	601
MAY	0	71	293	25	4	0	0	0	393
JUN	DATA UNAVAILABLE								
JUL	0	41	173	64	3	0	0	0	281
AUG	0	0	241	161	0	0	0	0	402
SEP	0	257	345	99	3	0	0	0	704
OCT	0	114	422	139	16	1	0	0	692
NOV	0	76	453	147	13	4	0	0	693
DEC	0	39	400	106	2	0	0	0	547
YEAR	1	900	4356	972	43	6	0	0	6278

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
78.1	9	18.2	21.2	23.4	26.0	34.2	41.5	51.3	57.0	107	25.8



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS															UNITS - 0.1 PARTS/MILLION										
STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON															MONTH - JAN 75										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	19	19	18	19	17	17	18	19	19	18	17	15	15	15	15	16	16	15	15	15	14	14	15	17
2	13	14	14	14	14	17	19	29	31	28	23	21	17	17	17	19	19	19	19	22	26	21	20	18	20
3	16	16	16	16	18	19	17	19	19	18	18	18	18	18	19	17	19	18	17	17	17	17	17	17	18
4	17	17	17	17	17	17	15	15	17	18	17	17	17	17	17	19	18	24	21	18	19	20	19	23	18
5	19	19	18	18	19	20	21	23	24	21	19	18	15	16	16	16	17	17	17	17	18	19	19	19	19
6	19	20	19	20	20	20	20	19	19	17	17	17	17	17	17	21	21	21	21	21	19	19	21	23	19
7	18	17	17	16	16	17	17	18	19	19	19	19	18	18	19	19	20	21	21	20	21	19	19	18	19
8	19	18	19	19	20	21	19	19	19	18	18	19	23	26	22	22	22	21	20	20	19	19	21	21	20
9	18	18	18	18	18	18	18	18	18	18	17	17	17	17	17	19	19	19	19	18	18	18	17	19	18
10	18	17	18	17	17	17	18	19	19	17	18	19	18	19	22	20	19	18	18	18	17	17	17	17	18
11	15	15	17	15	16	15	15	15	15	16	15	DATA INVALID			DATA INVALID										
12												DATA INVALID			DATA INVALID										
13												DATA INVALID			DATA INVALID										
14												DATA INVALID			DATA INVALID										
15												DATA INVALID			DATA INVALID										
16												DATA INVALID			DATA INVALID										
17												DATA INVALID			DATA INVALID										
18												DATA INVALID			DATA INVALID										
19												DATA INVALID			DATA INVALID										
20												DATA INVALID			DATA INVALID										
21												DATA INVALID			DATA INVALID										
22												DATA INVALID			DATA INVALID										
23												DATA INVALID			DATA INVALID										
24												DATA INVALID			DATA INVALID										
25	20	20	21	22	23	21	22	22	23	20	21	21	21	21	20	23	25	25	22	24	25	22	22	21	22
26	19	21	23	25	22	21	21	21	22	23	24	25	29	26	26	24	24	22	17	19	16	16	16	17	21
27	18	17	14	15	15	15	16	16	16	16	15	13	13	13	13	14	14	13	13	13	13	13	14	13	14
28	13	13	13	13	13	14	15	21	22	17	14	13	12	12	12	13	15	15	17	18	16	15	17	22	15
29	14	14	15	13	13	15	20	24	25	22	19	16	13	12	12	12	15	13	13	13	13	14	13	13	15
30	14	15	16	17	18	19	17	21	19	21	22	19	17	13	12	12	21	16	14	11	16	19	20	17	17
31	26	25	25	23	23	23	23	25	29	27	27	23	19	19	19	20	23	24	23	24	23	24	24	24	24
MEAN	17	18	18	18	18	18	18	20	21	20	19	18	17	18	18	18	20	19	18	18	19	19	19	20	18.5

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

		POLLUTANT - TOTAL HYDROCARBONS														UNITS - 0.1 PARTS/MILLION										
		STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON														MONTH - FEB 75										
HOUR DAY		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		23	23	25	26	29	30	29	30	30	27	28	28	22	22	21	19	21	21	20	21	21	21	23	29	25
2		23	23	27	24	25	31	33	37	41	36	33	31	25	25	25	26	25	25	33	41	47	49	41	34	32
3		29	29	33	35	37	40	38	39	38	35	30	25	23	21	19	21	22	23	23	30	33	33	37	39	31
4		26	26	28	28	28	29	33	33	31	31	35	32	31	35	35	40	31	27	25	26	27	25	25	30	30
5		25	25	27	24	25	25	23	23	25	24	23	23	25	25	34	29	25	25	26	47	60	67	69	83	34
6		77	74	75	81	89	85	83	83	74	65	62	58	50	39	35	32	36	38	40	33	31	30	29	29	55
7		29	31	36	57	47	44	53	47	48	50	38	30	31	28	27	24	25	23	22	23	23	23	22	20	33
8		18	19	25	23	28	25	24	27	29	23	23	24	23	23	23	24	28	31	34	36	36	35	37	36	27
9		33	38	43	55	57	51	39	37	35	32	29	26	25	27	30	29	30	32	39	36	33	37	35	37	36
10		33	41	48	65	65	54	49	61	74	63	65	62	45	33	33	33	33	39	39	43	46	54	74	71	51
11		54	52	49	51	54	54	53	63	58	46	63	69	76	57	47	45	46	51	51	54	61	53	48	41	54
12		39	47	54	55	51	48	47	62	73	71	65	53	26	21	13	11	11	9	***	26	20	19	19	19	37
13		19	19	19	20	21	21	21	22	22	25	28	22	20	20	20	19	20	19	21	21	21	23	25	25	21
14		27	25	27	26	26	25	24	24	24	25	25	33	36	40	33	33	35	35	38	35	30	31	36	33	30
15		30	30	30	30	28	27	28	27	28	27	27	27	28	28	27	27	33	30	26	26	29	29	32	40	29
16		57	60	58	66	73	65	73	72	70	66	66	65	60	60	60	57	57	54	54	56	56	54	48	49	61
17		47	43	47	39	42	36	35	38	34	35	35	37	32	30	30	28	29	26	26	24	21	20	23	21	32
18		19	19	19	19	19	19	19	19	19	19	19	18	18	19	20	20	22	20	20	19	19	20	22	21	20
19		22	19	19	19	19	19	19	19	20	20	20	19	17	17	17	17	19	22	23	22	21	22	24	25	20
20		23	23	21	21	19	20	20	19	21	19	18	17	17	17	15	16	17	16	17	19	19	19	20	22	19
21		21	18	17	18	21	21	22	27	27	25	***	***	25	24	24	24	26	28	30	33	43	44	34	29	26
22		28	26	24	24	25	26	28	29	28	26	23	22	24	24	26	27	39	33	31	35	36	34	33	34	29
23		27	27	27	25	23	21	20	21	21	22	23	23	26	26	26	25	24	23	23	22	22	22	22	21	23
24		21	22	22	22	22	22	22	22	23	24	27	27	24	24	29	28	30	29	24	22	20	20	25	26	24
25		21	21	24	20	18	18	18	18	19	19	19	19	19	19	19	19	21	21	19	19	18	18	18	18	19
26		18	18	18	18	19	19	18	18	19	19	18	18	18	18	19	26	27	24	22	17	15	14	15	15	19
27		15	15	16	16	14	15	14	15	16	16	17	22	18	16	16	17	18	18	18	18	17	17	18	23	17
28		19	25	29	24	25	26	22	19	20	20	19	20	21	21	21	21	21	21	21	24	27	29	31	34	23
MEAN		29	30	32	33	34	33	32	34	35	33	32	31	29	27	27	26	27	27	28	30	30	31	32	32	30.6



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS															UNITS - 0.1 PARTS/MILLION											
STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON															MONTH - MAR 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	39	47	38	36	42	43	44	46	44	36	27	25	24	24	25	26	30	35	33	37	46	41	45	58	37	
2	59	56	62	59	46	35	32	35	36	37	29	24	22	21	18	18	18	19	20	21	22	25	29	34	32	
3	32	30	28	31	34	39	39	43	40	36	28	24	24	24	24	22	19	19	20	26	28	27	27	27	29	
4	24	24	26	22	19	19	19	20	20	20	19	19	20	19	20	21	22	23	24	26	28	27	27	30	23	
5	25	22	22	22	22	23	23	23	24	23	22	23	23	23	23	24	26	25	26	28	28	27	37	30	23	
6	24	23	23	20	20	21	22	21	21	21	21	21	23	24	24	26	28	29	31	37	38	25	28	32	26	
7	28	23	23	23	21	19	19	19	19	20	20	22	23	25	56	89	33	27	22	22	23	34	40	36	27	
8	27	29	27	26	27	27	27	26	25	22	22	22	22	21	20	21	22	24	29	35	43	49	51	47	28	
9	46	35	29	27	28	29	27	28	30	28	24	22	22	21	21	20	19	19	19	22	24	24	23	23	26	
10	23	22	28	33	41	45	58	48	40	35	30	31	30	32	30	32	33	33	33	43	60	64	67	76	40	
11	84	78	69	83	78	70	73	75	80	60	44	36	33	28	29	26	27	28	28	30	28	29	24	23	48	
12	25	27	26	25	27	29	32	27	24	25	27	28	26	26	27	26	27	28	26	26	25	22	22	20	26	
13	20	20	20	21	19	19	19	21	21	20	19	20	20	19	19	19	19	20	21	20	22	23	23	23	20	
14	23	23	21	20	21	23	23	22	22	22	22	23	24	25	28	29	28	27	27	26	25	23	23	30	24	
15	33	34	44	48	50	52	46	35	26	25	23	23	24	25	23	23	31	25	24	26	25	24	29	27	31	
16	23	23	22	21	24	23	24	22	25	25	32	32	28	25	25	25	23	24	25	28	29	37	38	37	27	
17	37	34	27	23	22	22	22	22	22	20	20	20	20	20	19	19	19	20	23	27	25	22	24	34	23	
18	20	19	20	22	21	22	23	26	27	22	21	20	20	21	20	20	21	22	25	26	24	19	19	19	22	
19	18	18	19	19	20	20	19	19	20	20	21	22	22	21	22	21	21	22	25	26	24	19	19	19	22	
20	23	22	20	20	21	21	22	25	23	21	19	19	19	19	17	18	18	18	18	18	18	18	18	18	21	
21	24	24	23	23	22	23	23	23	24	25	27	31	26	20	19	19	19	19	20	19	19	20	21	21	22	
22	22	22	22	22	21	21	23	23	23	21	20	19	20	22	22	22	21	20	19	18	18	18	18	18	20	
23	19	21	21	21	23	24	25	26	26	26	26	25	24	24	24	24	24	24	24	24	24	24	24	24	20	
24	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	
25	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	
26	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	
27	23	24	21	23	25	17	16	16	16	16	16	16	13	13	13	16	16	16	17	18	18	18	18	22	18	
28	16	16	16	16	16	16	16	16	16	15	15	15	15	15	15	15	15	15	16	16	16	16	16	16	16	
29	16	17	18	18	16	18	20	21	19	19	18	19	19	18	18	18	19	19	19	21	20	21	24	21	19	
30	20	20	19	18	18	18	18	16	16	16	16	15	16	16	16	16	16	16	16	15	15	15	15	15	17	
31	16	16	18	18	18	18	18	19	18	19	17	17	17	20	19	20	20	19	18	20	20	20	21	26	19	
MEAN	28	27	27	27	27	27	28	27	27	25	23	23	22	23	24	22	23	23	23	25	27	26	28	29	25	4

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
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 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS															UNITS - 0.1 PARTS/MILLION										
STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON															MONTH - APR 75										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	21	22	25	27	28	26	26	25	22	20	19	18	18	18	18	20	20	22	31	35	40	43	37	25
2	32	25	19	19	17	16	16	19	17	17	16	16	18	18	18	27	19	19	28	21	20	21	26	23	20
3	22	19	21	22	34	43	31	24	20	19	18	18	17	18	18	19	19	19	20	21	20	20	19	19	22
4	24	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
5	23	26	23	23	24	23	22	22	20	19	19	20	19	21	21	21	23	22	23	26	27	27	28	29	23
6	25	24	24	25	25	24	22	20	19	19	18	18	19	19	18	18	18	19	19	19	19	19	19	20	20
7	22	21	22	27	37	32	28	24	22	20	19	19	19	20	21	20	19	19	20	23	26	28	31	32	24
8	31	32	30	27	27	30	31	26	21	19	19	20	19	20	19	20	21	22	24	27	32	33	32	41	26
9	43	37	38	34	52	70	59	44	30	25	25	25	25	22	24	22	23	21	23	24	24	26	28	26	32
10	26	30	39	38	36	33	35	31	27	26	25	23	21	20	20	20	21	21	24	31	35	44	53	64	31
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18	18	18	19	19	18	18	18	19	20	20	18	18	18	18	19	19	20	20	20	21	20	19	18	16	19
19																									
20																									
21	27	26	26	28	28	28	25	23	19	19	19	20	19	18	19	20	19	19	19	21	22	25	32	37	23
22	28	25	24	25	23	23	22	20	20	20	20	20	20	30	25	26	27	29	27	24	24	27	29	31	23
23	22	22	22	23	23	23	23	23	24	23	25	23	21	22	26	18	18	17	17	16	16	16	16	16	21
24	14	14	16	15	15	14	14	14	15	15	15	15	15	19	19	19	19	19	20	21	21	20	21	21	18
25	23	24	23	21	20	20	18	18	18	19	19	19	19	19	19	19	19	19	19	20	21	21	22	22	20
26	22	22	22	22	24	27	28	24	20	19	18	18	18	18	19	19	19	19	19	20	21	21	22	22	20
27	25	25	23	22	21	21	21	21	19	20	19	19	19	19	19	21	22	22	23	24	23	23	27	21	22
28	22	22	21	21	20	20	21	20	20	19	19	19	19	19	21	21	23	22	22	22	22	22	27	21	22
29	21	22	22	23	23	24	24	23	21	21	21	21	21	20	23	23	22	22	22	25	26	27	30	27	23
MEAN	25	24	24	24	26	27	25	23	21	20	20	20	19	20	20	21	21	21	22	23	24	25	27	27	22.8



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS														UNITS - 0.1 PARTS/MILLION										
	STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON														MONTH - MAY 75										
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	26	26	25	25	25	25	24	24	24	24	26	25	23	25	25	27	28	29	29	29	28	28	28	28	26
2	27	26	25	25	25	25	24	24	24	25	25	26	25	31	31	22	22	22	23	24	24	24	25	25	
3	24	23	24	25	26	30	35	34	29	26	24	20	25	24	21	20	21	22	22	22	21	22	24	19	24
4	17	16	16	16	16	17	17	18	19	20	20	21	21	21	20	20	21	21	22	22	22	22	21	20	
5	20	20	21	21	21	21	21	20	20	20	20	21	***	25	21	19	19	19	19	19	19	20	19	20	
6	19	18	18	18	17	16	17	18	19	19	19	18	17	16	16	15	16	17	19	19	20	21	20	18	
7	22	21	20	21	21	24	25	22	19	18	16	17	18	18	19	19	19	20	20	21	22	23	25	26	
8	35	35	37	33	28	26	26	22	20	19	19	19	20	21	21	21	21	21	22	23	25	26	28	29	
9	31	29	31	34	34	33	31	28	24	22	20	20	20	20	21	21	21	20	22	23	22	21	24	27	
10	29	28	27	24	24	24	24	26	22	21	19	20	20	21	21	22	22	22	23	24	30	28	25	21	
11	20	17	17	16	16	16	15	15	15	14	14	14	14	15	14	16	15	15	15	16	18	20	22	23	
12	22	19	18	19	21	19	18	20	22	19	21	21	18	17	16	17	17	18	18	17	18	16	17	19	
13	16	16	16	16	15	15	16	16	14	14	14	14	14	14	14	15	15	15	16	17	19	20	23	27	
14	32	36	40	45	48	50	50	42	28	21	19	18	17	16	15	22	21	21	22	24	24	26	25	24	
15	24	23	21	20	21	21	22	22	22	22	22	22	21	20	20	20	19	18	19	18	19	20	21	21	
16	21	20	19	19	19	19	19	19	19	19	19	20	20	20	21	20	21	21	21	21	22	23	24	20	
17	25	26	25	24	24	23	24	22	20	18	18	18	21	20	18	21	21	21	24	23	25	26	29	27	
18	29	26	26	25	25	29	25	22	21	21	22	21	21	21	21	21	21	22	22	23	23	23	24	23	
19	25	26	27	25	26	26	26	25	24	23	23	22	22	23	22	22	22	23	24	25	25	26	29	26	
20	25	24	25	25	27	27	25	24	23	23	23	22	21	22	24	26	24	23	25	25	25	25	25	24	
21	23	21	23	24	24	23	26	25	24	24	24	25	26	25	25	26	27	27	30	27	27	26	25	28	
22	30	30	29	28	28	27	27	27	28	25	25	25	24	24	23	24	24	24	24	26	26	26	27	28	
23	32	31	26	26	27	28	25	21	20	20	21	20	22	23	26	26	27	26	26	26	29	30	29	27	
24	27	25	24	24	25	28	26	26	26	26	25	23	23	23	21	21	22	23	24	33	28	26	33	29	
25	28	28	28	28	29	31	27	25	23	22	22	23	23	26	23	23	22	23	24	26	27	23	22	23	
26	23	21	20	21	20	19	19	21	19	18	18	18	19	20	20	20	20	20	22	23	22	21	22	19	
27	18	18	18	18	19	18	18	18	17	17	16	***	***	***	***	***	***	***	***	***	***	***	***	***	
28																									
29																									
30																									
31	****	****	****	****	****	****	****	****	****	****	****	****	****	19	19	19	19	19	19	20	22	22	23	21	****
MEAN	25	24	24	24	24	24	24	23	22	21	20	21	21	21	21	21	21	21	22	23	24	24	24	22.6	

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS														UNITS - 0.1 PARTS/MILLION										
	STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON														MONTH - JUN 75										
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	21	23	22	21	20	20	18	17	17	16	15	16	15	16	16	16	16	17	18	19	19	18	18	18
2	19	19	19	19	23	24	24	21	18	17	17	17	18	18	19	20	21	19	21	19	19	21	23	22	20
3	21	20	20	20	21	22	25	23	21	19	19	17	19	20	21	23	22	19	20	20	22	24	23	22	21
4	23	24	25	23	22	22	23	25	23	21	20	20	20	20	21	22	22	23	20	19	19	19	18	18	21
5	18	18	17	18	18	18	20	20	20	21	21	22	21	19	19	20	22	21	20	22	27	37	32	26	22
6	23	23	21	20	20	20	20	19	18	18	17	17	18	17	18	18	18	18	18	19	20	20	20	20	19
7	20	19	19	18	18	18	18	18	18	18	18	18	18	17	18	18	18	19	19	20	20	24	21	19	
8	20	19	19	19	19	18	18	18	18	18	18	18	17	17	18	18	17	17	17	18	19	19	20	20	18
9	20	20	20	19	19	19	20	18	17	16	17	17	17	20	22	21	19	19	20	21	23	28	26	21	20
10	18	18	17	17	17	17	17	15	14	14	14	****	19	18	17	16	16	16	16	16	15	16	16	15	16
11	15	15	16	16	16	17	20	19	18	17	17	21	22	23	22	19	18	17	18	17	17	19	18	16	18
12	16	16	15	14	14	15	16	16	15	16	15	17	17	17	16	16	16	15	16	16	16	18	19	17	16
13	16	17	17	17	17	17	18	19	19	18	24	25	25	24	23	23	23	24	25	26	30	31	34	30	23
14	31	30	28	27	27	28	27	25	24	24	25	24	24	24	24	24	24	24	26	27	29	28	38	29	27
15	28	26	26	25	25	24	24	23	23	24	24	24	24	24	24	24	25	25	25	25	25	25	24	23	25
16	23	23	23	23	23	23	23	23	23	22	22	23	21	22	19	18	18	18	18	19	19	22	26	21	21
17	19	19	18	18	18	18	18	18	18	18	18	18	19	19	19	19	19	19	19	19	19	18	17	17	18
18	17	17	16	17	17	18	18	18	18	19	19	19	19	19	20	21	21	21	21	22	23	24	23	23	20
19	22	21	20	20	19	19	19	22	21	19	19	19	19	19	18	18	18	19	19	19	20	21	22	25	24
20	21	21	22	22	22	21	19	19	19	18	****	****	****	20	20	20	21	21	20	22	22	24	23	22	21
21	22	21	21	21	21	18	17	17	17	18	17	18	19	19	19	20	21	21	24	25	30	34	32	29	22
22	25	22	21	22	23	24	23	23	22	21	21	22	23	23	23	24	24	24	24	25	25	25	24	24	23
23	23	22	22	22	22	22	22	22	22	22	22	22	21	23	23	23	24	25	30	24	24	25	33	25	24
24	24	24	24	24	23	23	23	25	24	24	22	22	23	22	22	21	21	21	21	20	21	23	21	21	22
25	21	21	20	20	18	17	16	15	14	14	15	15	16	16	16	16	16	16	17	17	17	18	17	15	17
26	15	15	15	14	14	14	14	15	15	16	16	16	17	19	18	17	19	19	19	19	19	19	19	19	17
27	19	19	20	19	19	20	20	19	17	17	16	16	17	17	18	18	18	18	19	20	21	23	24	28	19
28	****	****	****	****	****	****	****	****	****	****	****	****	****	17	18	18	19	19	21	21	23	34	24	****	19
29	25	23	23	23	21	21	20	18	16	17	16	17	17	18	18	18	19	19	20	21	21	21	21	20	20
30	20	21	21	22	21	21	20	18	18	17	17	17	17	17	17	18	18	18	18	20	20	19	20	21	19
MEAN	21	20	20	20	20	20	20	20	19	19	19	19	19	19	20	20	20	20	20	21	21	23	24	22	20.2



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS															UNITS - 0.1 PARTS/MILLION											
STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON															MONTH - JUL 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	***	***	***	***	***	***	***	***	***	***	***	***	18	18	18	19	19	20	20	21	24	26	28	30	***	
2	30	33	35	37	39	46	44	32	27	25	24	23	***	17	21	20	20	20	20	21	19	18	18	18	26	
3	17	17	17	16	16	17	16	16	16	16	15	15	14	14	15	16	16	16	17	18	17	17	16	16	16	
4	20	17	18	18	18	18	17	15	15	14	14	15	14	16	16	16	16	16	16	17	18	17	17	18	17	
5	18	19	19	19	20	21	17	14	15	15	18	19	19	19	19	22	22	20	19	19	21	22	25	27	27	
6	26	21	21	21	21	19	16	16	14	15	16	17	20	20	20	21	21	20	18	19	22	23	22	20	20	
7	18	16	17	17	19	17	17	16	16	16	16	17	32	18	17	16	16	15	17	16	16	17	18	18	17	
8	20	21	25	20	19	18	20	18	17	16	15	16	17	17	18	24	26	28	28	28	27	26	25	23	21	
9	20	18	17	16	15	14	14	13	13	13	***	21	23	18	18	19	20	20	21	22	22	23	21	21	18	
10	19	20	21	18	17	17	16	16	16	19	19	20	***	***	***	20	20	19	19	18	18	18	17	17	18	
11	17	17	18	17	17	17	17	17	16	17	18	18	18	17	17	18	18	19	19	20	22	24	24	25	19	
12	27	25	22	22	22	22	22	21	18	17	17	17	17	18	18	18	18	19	19	21	21	19	19	20	20	
13	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	19	20	20	21	21	20	20	19	19	
14	19	19	19	19	19	19	20	20	***	***	18	18	18	18	18	18	19	19	19	20	20	20	19	19	19	
15	19	19	19	19	19	21	24	22	19	18	19	20	20	20	20	20	21	21	22	23	23	25	24	25	21	
16	24	24	24	25	25	25	24	24	22	21	***	***	***	26	37	40	30	29	29	29	29	29	29	29	27	
17	28	28	27	27	27	28	30	29	26	26	26	26	26	26	26	26	26	26	27	28	28	30	29	30	28	
18	27	27	27	27	31	31	28	26	27	26	26	26	26	25	25	***	***	***	***	***	***	***	***	***	***	
19	***	***	***	***	***	***	***	27	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	
20	29	28	28	28	28	28	28	26	26	25	24	24	23	23	24	25	25	25	25	27	27	28	28	27	26	
21	23	24	24	25	26	23	24	23	23	19	19	20	20	20	21	21	21	21	21	23	24	26	29	29	23	
22	27	27	27	29	34	37	36	34	29	26	25	24	23	23	23	25	18	18	17	17	19	20	19	18	25	
23	19	18	18	18	20	21	21	20	21	20	20	21	21	21	30	25	26	25	25	25	24	23	23	21	22	
24	20	19	21	21	20	20	20	19	19	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
25																										
26																										
27																										
28																										
29	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
30	18	19	21	24	23	28	30	22	18	18	20	21	22	30	24	21	21	21	21	21	22	21	22	21	20	
31	13	13	14	18	23	27	23	14	10	13	15	15	15	15	16	19	20	21	22	24	25	28	28	42	20	
MEAN	22	21	22	22	22	23	23	21	19	19	19	20	20	20	21	21	21	21	21	21	22	23	23	23	21	2

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS															UNITS - 0.1 PARTS/MILLION												
STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON															MONTH - AUG 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	39	41	31	40	24	28	29	28	21	18	18	19	19	19	20	22	17	16	15	14	14	13	18	17	23		
2	15	13	18	25	35	31	21	21	9	4	6	7	8	9	10	10	8	10	10	10	8	6	6	5	13		
3	4	3	2	0	1	5	3	2	2	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1		
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	9	4	3	3	1		
5	3	3	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	18	18	17	17	16	16	15	15	*****	
6	14	14	14	14	14	14	14	14	14	14	14	14	13	13	13	*****	17	17	17	17	18	24	18	20	18	15	
7	20	21	19	18	18	18	18	16	16	15	15	15	16	16	17	17	17	17	18	18	18	17	18	17	17	17	
8	17	18	19	20	22	22	28	34	27	17	16	16	17	18	23	22	19	19	19	20	22	23	22	21	21	21	
9	21	17	18	19	20	26	20	19	18	17	17	17	17	17	17	17	17	18	20	20	19	20	19	19	19	19	
10	18	18	18	21	20	20	20	20	18	18	18	17	17	17	17	18	18	18	19	19	18	18	18	17	18	18	
11	17	16	16	18	24	17	19	20	18	18	16	17	*****	21	19	19	20	20	19	18	18	18	18	16	18	18	
12	17	20	22	18	18	21	23	19	17	15	15	15	15	15	16	16	17	18	17	18	18	18	18	17	18	18	
13	16	16	16	18	22	18	20	22	15	17	19	16	17	16	20	20	18	18	19	18	18	18	17	16	18	18	
14	14	13	13	14	14	14	16	14	14	15	21	26	28	19	17	15	14	14	14	15	16	17	20	26	17	17	
15	16	15	17	18	16	16	17	17	16	16	15	16	14	20	21	20	19	19	20	20	23	25	23	22	18	18	
16	23	23	25	21	21	22	22	23	20	18	18	18	17	17	17	17	17	17	19	20	20	23	25	23	22	18	
17	34	28	31	30	32	51	54	47	26	21	19	19	19	18	19	19	19	19	21	20	25	23	25	31	21	21	
18	18	18	18	19	20	23	20	17	*****	18	18	18	50	34	40	21	18	18	19	19	21	22	24	21	19	18	26
19	18	23	23	20	27	29	27	25	18	18	17	18	16	17	17	17	17	17	18	18	19	18	18	19	19	19	
20	19	18	18	19	19	20	25	26	17	14	*****	*****	*****	17	17	17	17	18	18	18	18	18	19	21	19	19	
21	19	20	21	21	20	20	25	22	22	21	24	24	24	20	19	20	19	20	20	21	21	20	21	22	21	21	
22	22	23	23	21	21	20	19	20	19	20	18	17	16	16	16	16	16	17	18	18	19	19	20	20	19	19	
23	21	19	19	19	19	19	19	19	20	20	19	19	18	18	18	18	18	18	19	20	19	19	20	22	19	19	
24	21	23	19	18	17	17	16	16	16	16	16	17	18	18	17	17	17	17	17	18	18	19	20	20	18	18	
25	20	18	18	18	18	19	21	22	21	20	19	19	19	19	20	19	20	20	21	22	21	22	23	22	20	20	
26	20	20	19	19	20	21	23	24	21	20	20	21	20	19	19	19	19	19	19	21	24	24	24	23	22	21	
27	22	21	20	20	20	22	23	20	18	19	18	18	18	18	17	18	17	17	18	20	26	27	27	26	20	20	
28	30	43	35	30	29	26	27	28	*****	17	15	14	13	15	16	16	17	16	18	16	18	16	16	16	21	21	
29	16	15	15	17	18	18	21	21	18	17	17	18	17	16	17	18	19	20	20	17	17	15	16	18	18	18	
30	22	16	14	13	12	12	13	12	12	12	12	12	11	11	12	14	15	15	15	16	16	15	16	15	14	14	
31	15	15	15	15	15	15	15	15	15	15	15	15	15	15	16	16	16	16	15	16	16	15	15	15	15	15	
MEAN	18	18	19	19	19	20	20	20	17	16	16	16	16	16	16	17	16	16	17	17	18	18	18	18	17	16	



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON

MONTH - SEP 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	15	15	15	15	15	15	15	16	15	15	16	15	16	16	15	16	16	17	17	17	17	18	17	16
2	16	16	17	17	17	17	19	21	18	18	17	16	16	16	17	17	17	17	17	17	17	18	18	17	17
3	19	18	18	19	23	34	34	22	21	17	16	17	17	18	18	18	17	17	18	19	19	21	18	17	20
4	18	19	17	17	17	18	18	17	16	18	16	17	18	18	19	18	17	17	21	23	25	25	26	30	19
5	37	32	32	49	41	41	54	62	42	25	20	20	***	23	24	24	23	24	23	22	22	22	21	21	31
6	22	21	21	18	19	19	19	20	21	21	21	21	21	21	20	20	20	21	24	29	31	30	34	36	23
7	32	24	24	21	22	22	22	22	22	22	22	21	19	19	19	19	19	21	24	25	22	21	19	18	22
8	19	19	19	20	21	21	22	23	***	21	21	21	21	21	22	21	21	21	21	21	21	22	19	19	21
9	19	19	19	19	22	26	24	21	19	23	20	21	20	20	20	21	20	20	22	24	26	34	44	46	24
10	44	36	30	33	29	29	37	31	23	21	21	21	21	21	21	22	21	21	28	26	25	24	22	22	26
11	25	30	31	29	29	31	29	26	22	23	23	22	22	22	22	21	20	20	27	21	19	19	19	18	24
12	18	18	18	17	18	18	20	20	20	20	20	20	20	19	21	22	22	22	24	22	22	24	23	23	20
13	22	21	21	20	21	21	22	22	23	23	22	22	23	22	22	22	22	22	25	25	25	31	35	24	23
14	26	29	28	26	26	28	25	23	22	21	23	23	22	22	21	22	24	23	27	31	40	51	44	47	28
15	43	37	30	30	30	42	48	54	35	25	25	23	24	24	24	26	26	25	27	27	26	27	30	31	31
16	33	34	34	40	36	46	40	28	26	29	***	23	22	22	21	22	21	19	20	21	19	20	21	23	27
17	27	28	34	44	46	33	35	41	36	22	19	18	19	19	19	20	20	19	23	22	22	21	22	22	26
18	21	21	21	23	23	22	23	23	24	24	25	24	25	25	25	24	23	21	20	19	18	17	18	19	22
19	19	18	18	19	19	20	24	25	22	19	18	18	19	19	***	21	21	21	23	22	23	21	19	19	20
20	19	17	17	17	16	16	18	17	18	19	18	17	17	17	18	17	17	18	18	18	18	18	19	18	18
21	19	20	18	18	19	18	18	18	18	17	16	17	18	18	17	17	18	18	18	17	17	17	18	17	18
22	19	18	18	18	19	20	22	22	21	19	18	17	18	18	18	19	20	20	20	21	21	22	19	19	20
23	21	20	20	19	19	20	25	22	18	19	18	18	18	18	18	19	18	19	20	19	19	19	20	20	19
24	19	19	19	19	18	20	22	19	20	20	21	22	***	***	***	***	***	***	***	***	***	***	***	***	***
25	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	24	24	24	24	23	22	23	23	22	***
26	23	21	22	21	23	22	22	22	21	20	20	20	19	***	20	20	19	18	18	17	17	18	18	18	20
27	18	17	17	16	17	18	19	18	16	16	16	15	15	15	16	16	17	18	31	30	42	42	63	59	24
28	60	58	55	63	61	53	50	50	24	19	17	17	17	17	16	16	17	18	20	26	49	41	42	49	36
29	43	33	28	25	31	36	45	57	38	22	21	21	23	23	21	22	20	21	32	26	23	24	23	20	28
30	18	18	20	19	18	20	25	26	20	19	19	19	19	***	21	21	19	19	20	20	20	22	20	18	20
MEAN	25	24	23	25	25	26	27	27	23	21	20	20	20	20	20	20	20	20	23	22	24	24	25	25	22.9

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON

MONTH - OCT 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	22	22	21	21	21	26	24	19	18	19	19	19	20	25	24	21	20	21	20	18	18	17	17	21
2	16	15	15	16	16	17	20	18	16	16	16	16	16	16	16	16	16	16	17	19	23	28	24	20	18
3	21	20	19	20	21	21	20	19	18	17	17	17	18	20	20	20	21	22	23	25	26	25	25	27	21
4	26	22	22	21	22	24	22	22	21	21	21	21	21	19	21	21	21	26	32	26	29	33	46	38	25
5	37	31	31	29	27	28	30	32	26	21	20	20	***	***	***	***	***	***	***	***	***	***	***	***	***
6	19	19	19	19	19	20	24	23	20	19	18	18	***	16	17	17	17	18	19	19	20	23	19	19	19
7	22	24	22	20	21	23	29	22	20	19	17	18	17	17	17	17	18	18	26	28	24	29	24	28	22
8	27	30	24	23	24	25	33	32	25	21	19	18	19	19	18	19	19	20	22	20	19	22	19	18	22
9	18	17	18	18	18	18	18	18	18	19	20	20	19	19	19	20	18	20	22	22	20	22	24	22	19
10	19	20	19	18	18	18	23	21	20	19	20	19	25	38	21	22	19	21	19	21	22	19	18	18	21
11	19	16	15	15	15	15	16	16	16	15	15	16	15	15	14	15	15	17	18	17	17	18	19	16	16
12	15	14	14	14	15	15	16	15	14	14	14	14	14	14	14	14	15	16	19	36	26	28	22	26	17
13	31	32	23	15	15	17	18	17	17	16	16	17	17	16	17	18	21	23	19	18	21	19	19	19	19
14	21	20	18	19	19	22	27	29	***	21	21	18	19	19	19	22	21	20	21	21	21	20	19	20	21
15	18	18	17	17	17	18	24	22	18	18	18	18	18	18	19	22	19	21	20	18	17	16	15	15	18
16	14	14	14	14	15	16	19	18	17	16	14	14	14	15	16	16	16	17	19	19	19	23	20	22	17
17	23	25	22	19	19	20	21	20	22	20	21	21	22	21	21	21	21	21	22	21	21	21	21	20	21
18	20	19	19	19	18	18	19	19	19	19	19	19	20	21	20	20	20	21	20	20	20	21	25	20	20
19	19	19	18	19	19	19	19	19	19	21	20	19	19	18	19	19	19	19	19	18	18	19	20	19	19
20	20	19	19	19	19	23	25	23	20	18	18	19	19	19	21	21	21	23	21	18	18	21	18	19	20
21	18	17	17	17	18	18	21	***	***	23	22	23	25	23	23	24	26	29	28	31	30	27	24	35	24
22	24	23	27	24	26	29	44	53	42	***	26	24	***	25	26	26	27	30	37	33	30	33	29	30	30
23	31	30	32	34	33	31	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
24	***	***	***	***	***	***	***	***	***	***	32	30	29	30	29	29	28	28	32	34	31	31	32	33	31
25	31	30	30	30	27	26	24	23	25	24	25	25	26	25	23	23	25	27	31	29	28	30	33	26	27
26	25	24	24	25	27	27	28	33	30	26	24	24	24	23	23	23	24	25	27	34	39	33	34	41	28
27	36	33	32	35	32	34	36	41	47	25	22	21	22	22	22	23	25	29	33	34	38	44	57	37	33
28	33	32	31	31	33	34	45	48	24	21	21	20	20	22	21	22	23	22	23	24	22	21	20	18	26
29	17	17	17	17	17	17	18	19	18	17	17	17	17	17	18	18	19	19	21	20	19	20	19	19	18
30	19	18	18	18	18	19	19	18	18	18	17	17	17	17	18	20	22	23	27	30	30	31	29	24	21
31	23	23	25	24	24	23	29	25	21	23	23	24	24	24	25	27	28	29	28	26	24	25	27	24	25
MEAN	23	22	21	21	21	22	25	25	22	20	20	20	20	20	20	21	21	22	24	24	24	25	25	24	22 0



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON

MONTH - NOV 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	21	21	20	20	20	21	21	23	23	23	23	25	24	25	26	25	26	29	25	25	28	33	26	24
2	27	24	24	25	23	22	24	24	23	22	22	23	22	21	22	23	23	23	24	24	23	23	22	23	23
3	24	23	22	23	24	23	27	33	22	23	22	22	22	25	26	26	25	23	24	23	22	23	26	20	24
4	21	20	20	20	20	20	21	21	20	22	21	20	21	20	21	24	30	30	29	25	25	26	25	24	23
5	25	24	23	22	21	24	31	26	24	20	21	22	22	23	24	27	29	29	29	28	35	38	35	33	26
6	28	27	24	23	24	28	32	43	33	26	25	23	23	24	24	25	29	29	34	40	42	26	28	29	28
7	28	26	24	30	24	35	36	37	31	27	25	23	23	24	25	29	29	34	40	42	26	28	29	28	29
8	21	19	20	20	20	20	20	21	21	22	22	22	23	23	21	22	23	22	23	24	24	22	23	25	21
9	18	17	16	15	15	15	14	12	11	11	10	9	11	12	10	10	10	10	10	11	11	12	10	12	12
10	7	7	7	6	8	9	7	5	****	****	21	20	22	20	20	21	21	21	21	21	21	20	22	10	16
11	21	22	22	23	23	25	24	27	26	23	23	22	23	23	22	23	26	31	30	30	30	27	25	27	25
12	28	26	25	24	25	26	27	30	30	29	26	23	24	23	23	24	25	27	23	22	20	20	22	21	25
13	21	22	22	22	22	23	22	23	25	22	20	19	19	20	19	19	19	19	19	19	17	17	18	17	20
14	17	17	17	17	17	17	18	18	17	17	18	19	19	18	18	19	21	21	20	21	22	23	24	25	19
15	26	25	26	26	25	25	26	25	26	24	57	25	23	22	21	21	32	24	23	24	23	23	24	24	26
16	25	28	26	26	25	25	25	26	28	26	24	23	23	24	22	23	23	24	26	28	30	32	31	31	26
17	36	33	32	30	29	29	31	32	35	31	30	28	27	26	****	****	28	27	26	28	27	28	29	30	26
18	25	24	24	24	25	27	30	34	39	31	27	25	24	25	26	25	29	31	33	31	28	27	28	29	30
19	29	29	30	27	30	35	37	50	53	32	27	25	25	24	25	25	26	37	33	34	34	38	38	42	33
20	40	38	39	45	48	39	37	40	49	39	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
22	12	11	9	9	9	9	9	11	10	11	11	12	12	12	10	12	18	19	18	19	17	16	15	21	13
23	15	15	16	16	15	15	15	16	14	13	13	12	12	12	12	12	11	13	16	21	25	31	55	64	19
24	82	74	68	54	48	49	36	29	30	22	19	16	14	15	****	28	28	31	31	31	30	31	41	27	36
25	26	26	26	26	26	26	26	27	26	25	25	25	25	24	25	24	24	24	24	25	25	25	26	24	25
26	23	25	24	23	24	24	26	28	28	25	25	26	25	26	26	27	28	28	28	28	40	34	27	27	
27	27	27	27	27	25	23	22	24	25	23	25	24	26	26	26	28	29	30	31	28	28	28	40	34	27
28	32	29	27	26	26	26	26	28	28	27	26	26	27	****	28	28	35	30	30	34	31	32	32	36	29
29	39	31	28	27	28	26	26	26	28	28	32	29	29	26	25	26	26	34	27	28	28	27	27	28	29
30	27	24	23	22	21	19	19	19	19	19	19	18	19	19	19	19	19	19	21	22	23	23	24	23	21
MEAN	27	25	25	24	24	24	25	26	27	24	23	22	22	21	22	23	25	25	26	26	25	26	28	27	24

- NOTES 1 \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2 - INDICATES DATA IS UNAVAILABLE  
 3 \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON

MONTH - DEC 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	22	22	22	22	22	23	23	23	24	23	22	24	****	****	26	30	30	29	28	27	26	36	28	25
2	26	25	24	25	25	26	25	28	31	29	28	25	24	26	26	27	34	31	29	25	25	24	25	25	27
3	22	20	19	21	22	20	21	23	29	22	22	20	22	22	23	23	24	24	25	28	30	28	34	28	24
4	25	24	24	25	25	25	25	27	28	27	27	27	26	26	26	27	28	27	28	28	28	28	29	30	27
5	27	28	31	29	30	34	33	32	30	27	28	26	26	25	26	28	27	27	27	26	25	25	25	24	28
6	25	26	25	24	23	21	21	21	20	20	20	20	20	20	****	****	****	****	****	****	****	****	****	****	****
7	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	DATA INVALID -	****	****	****	****	****	****	****	****	****
8	27	27	26	27	26	26	27	28	27	27	27	26	26	27	27	28	30	28	30	29	29	30	34	28	****
9	22	22	20	20	20	20	21	24	22	22	22	21	21	22	25	27	30	26	26	25	26	26	27	24	23
10	22	22	20	20	20	20	21	24	22	22	22	21	21	22	25	27	30	26	26	25	26	26	27	24	23
11	26	25	25	25	24	24	25	29	30	24	****	29	24	23	23	24	27	27	26	25	25	25	27	29	25
12	29	28	29	28	28	29	29	30	30	29	29	29	29	29	29	30	30	30	30	29	29	29	29	29	29
13	29	28	27	28	28	28	29	29	30	32	31	32	32	30	31	33	43	36	35	34	30	28	28	28	29
14	27	27	25	23	23	23	23	23	22	23	23	22	23	22	22	22	23	22	21	21	21	21	21	21	23
15	21	23	24	23	24	23	22	22	22	21	20	21	21	****	****	22	22	22	22	22	22	21	22	21	22
16	21	20	20	20	21	21	22	25	25	25	24	24	24	24	25	27	27	25	25	24	25	25	26	25	24
17	24	24	24	24	24	24	25	28	28	24	22	21	21	21	22	22	23	22	23	22	22	23	23	23	23
18	22	22	20	19	18	18	19	20	20	19	****	21	21	22	22	22	24	25	26	24	23	23	23	24	22
19	24	24	24	24	23	24	25	27	27	26	25	26	26	27	27	29	27	29	29	27	27	27	27	27	26
20	25	25	23	24	26	26	27	26	27	26	27	26	26	26	25	26	25	25	25	24	25	24	26	25	25
21	24	22	22	22	22	22	22	22	22	23	24	23	23	23	23	23	23	25	24	24	25	25	27	31	24
22	30	27	32	27	25	26	27	32	29	****	30	30	28	28	28	29	34	34	29	28	31	31	28	27	29
23	25	22	20	19	20	20	20	21	21	21	21	20	20	21	21	21	21	22	23	22	22	26	31	23	22
24	22	23	22	24	27	29	29	25	26	26	28	27	25	23	23	24	24	26	28	28	26	26	27	27	26
25	26	26	24	24	24	24	25	27	27	28	26	25	26	26	27	27	25	26	27	27	27	27	27	27	26
26	27	26	26	26	25	24	24	23	23	23	23	22	21	21	21	21	21	21	21	21	21	20	21	21	23
27	22	21	21	21	21	20	20	21	21	21	21	21	22	22	21	23	25	25	24	25	25	25	26	25	22
28	25	26	25	24	24	24	25	25	25	26	26	24	24	22	23	22	22	23	23	24	24	24	24	24	24
29	24	24	23	23	23	25	28	29	30	30	26	25	24	****	****	27	28	29	31	35	31	28	29	28	27
30	26	27	27	27	29	28	27	25	23	22	22	21	****	****	****	****	****	****	****	****	****	****	****	****	****
31	21	21	21	21	21	22	23	23	22	23	23	23	23	22	22	23	23	24	22	22	21	21	21	21	22
MEAN	25	24	24	24	24	24	25	25	26	25	25	24	24	24	25	25	27	27	26	26	26	25	27	26	25



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	17	18.5	24	31
FEB	28	30.6	61	89
MAR	26	25.4	48	89
APR	19	22.8	32	70
MAY	26	22.6	29	50
JUN	29	20.2	27	38
JUL	23	21.2	27	46
AUG	30	17.6	26	54
SEP	28	22.9	36	63
OCT	28	22.0	33	57
NOV	28	24.7	36	82
DEC	27	25.0	31	43
YEAR	309	22.9	61	89

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141 - 200	201 & OVER	TOTAL
JAN	0	295	132	1	0	0	0	0	428
FEB	1	122	322	183	41	0	0	0	669
MAR	0	169	384	92	14	0	0	0	659
APR	0	139	292	40	2	0	0	0	473
MAY	0	157	462	27	0	0	0	0	646
JUN	0	348	345	10	0	0	0	0	703
JUL	1	255	307	17	0	0	0	0	580
AUG	69	434	204	19	0	0	0	0	726
SEP	0	268	340	74	4	0	0	0	686
OCT	0	297	334	68	0	0	0	0	699
NOV	24	100	465	90	4	0	0	0	683
DEC	0	7	639	34	0	0	0	0	680
YEAR	95	2591	4226	655	65	0	0	0	7632

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT  
OF DATA  
VALID

MIN

10

30

FREQUENCY

CONCENTRATIONS  
DISTRIBUTION

PERCENT

95

98

99

MAX

ARITH  
MEAN

87.1

0

15.8

18.5

20.8

23.9

29.7

35.5

47.9

58.2

89

22.9



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION													
STATION - WC NO 16001												SIMCOE HORTICULTURAL STATION													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	16	***	17	17	17	17	17	17	17	17	17	17	16	16	16	16	17	17	16	17	17	17	17	17
2	16	16	17	17	18	18	18	19	19	20	19	19	19	17	17	17	17	17	18	24	22	22	20	18	
3	23	18	19	20	17	16	17	17	17	19	19	15	14	13	13	13	13	14	14	14	14	14	14	16	
4	13	13	14	14	15	14	14	14	14	14	15	14	14	13	14	13	14	14	15	15	15	15	15	14	
5	15	16	16	17	17	17	17	18	19	19	20	19	16	15	15	14	14	15	15	17	18	17	17	17	
6	17	17	17	18	18	19	19	18	17	17	17	16	21	21	21	21	22	22	22	***	***	***	***	19	
7													- DATA	INVALID	-										
8													- DATA	INVALID	-										
9													- DATA	INVALID	-										
10													- DATA	INVALID	-										
11													- DATA	INVALID	-										
12													- DATA	INVALID	-										
13	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	8									
14	11	11	11	11	11	11	12	12	13	13	12	12	12	12	12	12	11	11	11	11	11	11	11	12	
15	16	16	16	16	16	16	16	16	16	16	16	14	11	11	11	12	12	12	11	11	12	12	12	14	
16	12	12	12	12	12	12	12	12	13	13	13	13	12	12	12	12	12	12	13	13	13	12	14	13	
17	15	15	16	17	17	17	18	19	19	19	18	18	17	16	15	15	15	15	15	15	15	14	14	16	
18	13	13	13	12	11	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	10	
19	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	16	
20	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
21	15	14	14	14	15	15	16	16	16	15	16	17	17	16	16	15	14	13	13	13	13	12	12	15	
22	12	12	12	12	11	10	10	10	10	10	10	10	11	11	11	11	11	13	13	15	15	14	14	12	
23	16	16	17	16	15	15	15	15	15	15	15	15	13	13	14	14	14	14	14	13	12	12	14	14	
24	14	14	13	13	13	13	13	13	13	13	13	13	14	14	14	14	14	14	15	18					
25	11	11	11	12	13	13	13	13	13	13	13	12	11	13	12	12	11	10	10	10	10	10	10	12	
26	13	13	13	14	14	15	15	15	16	16	17	17	16	16	16	16	16	16	16	16	17	17	17	16	
27	17	17	18	18	18	18	21	21	22	23	21	21	***	14	14	14	14	14	14	14	14	14	14	17	
28	14	15	15	15	15	14	15	18	19	19	16	13	13	12	12	12	12	12	12	12	12	12	14		
29	15	15	15	15	15	15	15	15	15	15	14	10	10	13	13	14	15	16	17	18	17	18	15		
30	18	18	19	19	19	19	20	21	21	21	21	21	21	20	19	19	19	19	19	19	20	20	20	20	
31	19	20	21	21	21	21	21	23	22	22	***	16	15	14	14	13	13	13	14	15	15	15	16	17	
MEAN	15	15	15	15	15	15	15	16	16	16	16	15	15	14	14	14	14	14	14	14	14	14	14	14	

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION												
STATION - WC NO 16001 SIMCOE HORTICULTURAL STATION													MONTH - FEB 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	19	19	20	20	20	20	21	21	22	21	21	21	21	19	17	17	17	18	19	19	19	20	21	20
2	19	19	21	21	25	23	23	23	23	23	22	21	19	17	17	17	17	17	17	17	17	17	19	20	20
3	20	21	23	23	23	23	24	24	23	23	21	20	20	20	13	13	12	12	13	16	17	19	20	22	19
4	24	25	26	25	24	25	26	27	28	29	29	29	27	27	27	26	25	25	25	24	23	21	20	19	25
5	18	19	19	19	17	19	17	17	17	16	17	21	17	15	15	18	16	17	16	17	17	17	18	18	17
6	18	17	17	17	17	17	17	17	17	18	18	17	17	16	15	15	15	15	15	16	16	16	17	17	17
7	15	15	15	14	14	15	16	17	17	18	18	12	13	13	14	14	14	15	14	13	14	15	16	16	15
8	17	16	16	17	17	18	18	18	18	18	18	18	17	17	17	17	17	17	17	17	16	16	16	15	17
9	15	15	15	15	15	16	16	16	16	16	17	17	16	16	16	16	16	16	18	19	20	21	23	24	17
10	24	25	26	26	26	26	27	27	29	29	28	27	15	14	13	11	11	10	16	14	13	11	10	9	19
11	9	9	9	9	9	8	8	7	8	7	6	***	***	***	***	***	***	***	***	***	***	***	***	***	***
12	***	***	***	***	***	***	***	***	***	***	17	15	14	12	12	12	12	13	17	18	19	18	18	18	***
13	18	18	19	20	19	20	22	22	22	23	23	23	20	21	21	20	19	19	19	19	19	19	19	19	20
14	19	19	19	19	19	19	19	20	19	19	19	18	***	***	***	15	14	12	12	11	11	11	19	19	16
15	9	10	9	9	11	14	12	11	10	9	8	8	7	6	5	4	4	5	6	6	7	8	8	9	8
16	9	10	10	9	8	9	8	7	9	8	8	8	7	7	8	7	7	6	6	6	7	6	9	10	8
17	10	10	10	10	11	11	11	11	11	11	12	11	16	15	14	14	14	15	15	15	16	18	19	20	13
18	20	21	21	21	22	21	21	21	21	22	21	21	20	20	20	19	18	17	16	16	16	16	16	16	19
19	16	17	17	20	19	19	19	19	19	20	19	19	18	18	***	17	17	17	17	18	19	19	20	21	18
20	21	22	22	22	23	23	22	23	24	24	24	23	23	23	24	24	25	25	25	25	26	26	26	27	24
21	26	27	28	29	29	30	29	29	29	29	29	27	25	24	23	22	21	20	18	17	17	19	21	23	25
22	22	21	21	22	23	23	23	23	24	25	24	23	22	22	21	20	19	19	19	18	19	19	18	18	21
23	24	21	21	19	19	21	21	19	20	21	21	22	22	22	21	24	23	22	21	21	21	22	23	23	21
24	23	23	24	24	24	25	25	25	25	25	25	25	25	16	16	17	17	16	16	16	16	17	19	18	21
25	18	18	18	17	17	17	19	19	20	21	21	22	23	23	23	23	24	24	24	25	26	26	27	27	22
26	27	27	27	27	28	28	28	28	28	28	27	27	26	26	26	26	26	26	26	27	27	28	28	28	27
27	27	27	27	27	27	27	27	26	27	27	27	27	27	27	27	26	26	26	26	26	25	26	26	26	27
28	25	25	24	23	23	23	22	21	21	21	21	20	19	19	19	19	19	19	19	20	21	20	20	22	21
MEAN	19	19	19	19	20	20	20	20	20	20	20	20	19	18	18	17	17	17	18	18	18	18	19	19	18.9

NOTES 1. \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION												
	STATION - WC NO 16001 SIMCOE HORTICULTURAL STATION												MONTH - MAR 75												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	23	23	24	24	23	23	24	25	23	22	22	21	21	20	19	18	18	19	21	22	22	22	23	22
2	23	24	25	25	25	26	26	26	26	25	24	23	20	19	19	17	17	18	19	19	21	23	23	24	22
3	25	26	26	27	27	27	28	28	28	27	26	25	****	****	****	****	****	****	****	****	****	****	****	****	****
4													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
5													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
6													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
7													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
8													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
9													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
10													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
11													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
12													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
13													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
14													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
15													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
16													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
17													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
18													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
19													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
20													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
21													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
22													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
23													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
24													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
25	11	11	11	11	11	11	11	13	13	13	15	17	18	19	19	19	20	21	22	22	21	21	20	19	16
26	19	19	21	21	22	24	25	25	24	23	23	22	22	22	21	21	18	17	17	19	21	22	23	24	21
27	24	25	25	26	27	27	28	28	27	26	25	****	27	27	26	25	23	22	22	23	25	26	26	27	26
28	29	29	30	31	31	32	32	32	29	29	27	27	25	24	23	23	21	21	22	22	23	23	23	23	26
29	23	22	22	22	22	21	19	19	19	21	19	19	19	19	19	18	18	17	17	17	17	17	17	17	19
30	17	19	19	19	19	20	21	22	23	23	24	24	23	23	24	25	25	25	26	27	28	28	29	30	23
31	31	31	32	32	32	32	32	32	32	32	31	31	30	30	29	27	27	25	25	25	23	24	23	23	29
MEAN	23	23	23	24	24	24	25	25	25	24	24	23	23	23	22	22	21	20	21	22	22	23	23	23	23 0

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
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3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION													
STATION - WC NO 16001 SIMCOE HORTICULTURAL STATION												MONTH - APR 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	23	25	24	25	25	23	23	22	21	19	19	****	20	17	15	14	14	13	13	13	14	15	15	19
2	16	17	18	20	19	19	20	20	21	21	22	22	23	23	24	24	24	24	24	25	25	27	28	28	22
3	29	29	29	28	27	27	27	26	25	23	21	21	21	21	23	24	27	28	29	30	30	30	30	31	27
4	31	31	31	32	32	33	34	34	34	34	34	34	33	33	33	31	31	31	31	31	31	31	32	32	32
5	31	31	31	31	31	31	31	31	31	31	31	31	29	28	28	26	23	22	21	21	21	23	25	25	27
6	26	26	26	26	26	26	27	27	26	26	26	25	24	24	23	21	21	20	20	21	21	21	21	21	24
7	21	21	21	21	21	21	22	22	21	20	19	19	19	19	19	19	18	15	15	16	17	19	19	19	19
8	21	22	22	22	22	22	23	23	22	21	21	20	19	19	19	18	16	15	15	17	17	19	20	20	20
9	21	22	23	24	24	25	25	25	23	22	22	21	20	19	19	17	16	15	14	15	15	17	17	17	20
10	19	20	21	22	22	23	23	25	25	24	23	23	21	19	19	17	16	15	14	14	15	15	16	17	20
11	18	19	19	20	21	22	23	23	23	28	25	23	19	17	16	15	16	17	18	20	20	21	23	23	20
12	25	25	27	28	28	27	26	25	24	23	23	23	23	23	23	23	23	23	23	23	24	24	25	25	24
13	26	26	27	27	27	27	25	24	24	23	23	23	23	22	22	22	22	24	24	24	27	28	28	28	25
14	28	30	31	35	35	31	28	26	25	24	24	24	****	****	****	23	21	20	20	23	24	24	25	26	26
15	26	25	26	27	27	27	26	26	27	25	25	24	23	21	21	21	20	20	21	21	23	24	23	23	24
16	23	23	24	24	26	27	27	27	24	22	21	22	21	21	20	21	22	21	20	20	21	21	22	23	23
17	23	24	24	26	26	27	26	26	24	23	21	20	20	20	19	18	19	18	18	20	21	22	23	23	22
18	23	25	23	23	24	24	24	24	24	23	23	22	21	21	20	19	19	19	19	19	19	19	18	18	21
19	18	18	19	19	19	21	23	24	25	26	27	28	28	28	28	27	26	27	28	29	30	29	30	30	25
20	31	31	31	30	30	30	30	30	30	29	29	29	29	28	28	28	28	28	28	26	27	27	27	27	29
21	27	28	28	29	29	30	30	29	28	27	27	27	28	26	25	24	23	22	23	23	25	26	27	29	27
22	29	30	32	36	35	41	37	32	29	29	28	28	26	25	24	23	23	22	24	25	26	27	27	28	28
23	30	29	30	31	33	35	34	31	29	27	27	26	27	28	28	28	29	28	28	29	30	30	31	31	30
24	33	33	33	34	34	34	34	34	34	34	34	33	32	31	30	29	29	29	29	30	31	32	33	33	32
25	35	33	35	36	37	37	39	39	39	40	39	39	34	32	31	30	29	29	28	30	32	29	31	27	34
26	26	26	27	28	29	29	29	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
27	- DATA INVALID -																								
28	****	****	****	****	****	****	****	****	****	****	****	37	31	28	26	25	24	24	24	23	23	24	23	24	****
29	23	23	25	26	27	26	25	24	25	24	23	22	22	21	21	21	20	20	21	24	24	23	25	27	23
30	27	30	29	28	31	29	28	26	25	24	23	23	23	25	24	23	23	23	23	24	25	25	23	23	25
MEAN	25	26	26	27	27	28	27	27	26	26	25	25	25	24	23	22	22	22	22	23	24	24	25	25	24 8

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
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3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION												
STATION - WC NO 16001 SIMCOE HORTICULTURAL STATION													MONTH - MAY 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	23	23	23	23	23	23	24	23	23	23	23	23	23	24	24	25	24	24	25	26	25	23	23	24
2	24	24	25	25	27	27	27	27	26	27	26	25	17	16	16	17	17	17	17	18	21	22	24	24	22
3	26	28	27	27	29	29	29	31	29	27	26	24	23	21	20	20	19	19	20	20	21	21	22	21	24
4	24	25	26	26	26	27	27	27	28	28	28	28	29	28	29	29	29	29	29	29	29	29	29	29	28
5	30	30	31	31	31	32	32	32	33	34	33	***	31	31	31	31	31	30	30	30	30	30	30	32	31
6	32	31	31	31	32	32	33	33	33	33	32	32	32	32	31	31	31	30	30	30	29	30	32	35	32
7	33	33	33	34	35	35	35	35	34	33	32	31	30	29	28	27	25	23	23	25	25	25	27	27	30
8	29	30	31	32	34	36	35	34	33	31	29	28	27	25	24	23	22	22	22	24	25	26	29	30	28
9	28	31	31	32	34	35	35	35	33	31	28	27	25	24	24	23	22	21	21	21	21	22	23	25	27
10	28	31	31	32	31	31	32	32	31	29	28	27	26	25	24	22	21	21	20	21	23	24	25	27	27
11	29	29	28	29	31	33	34	33	32	30	28	27	26	25	24	22	22	21	22	23	24	25	27	28	27
12	27	28	28	30	29	30	29	29	30	32	32	31	33	31	30	31	31	31	32	32	33	34	33	33	31
13	34	35	34	33	32	32	32	32	33	33	33	32	33	31	29	27	26	25	24	***	24	24	26	27	30
14	29	30	31	32	35	35	36	36	35	33	45	32	29	27	26	24	23	23	24	25	26	28	26	26	30
15	27	27	28	28	29	30	30	30	30	30	30	29	29	28	26	24	23	23	22	22	23	23	24	25	27
16	26	27	28	28	29	30	31	31	31	31	31	27	26	25	25	24	23	22	21	22	24	28	32	31	27
17	30	31	34	32	33	35	34	32	30	29	27	26	25	24	24	23	23	22	22	24	26	27	26	27	28
18	28	26	27	27	29	35	33	30	29	29	28	28	27	26	24	23	22	22	22	24	26	27	26	27	28
19	25	25	25	27	27	26	27	26	25	25	24	23	22	22	21	20	19	19	19	19	21	23	24	24	26
20	23	24	26	25	26	27	27	27	26	25	24	12	12	12	13	13	14	15	16	17	18	17	18	21	20
21	17	16	14	14	13	13	13	13	13	13	13	13	15	14	15	16	18	19	19	18	18	19	19	18	16
22	18	16	21	17	18	16	16	16	15	14	14	14	15	15	15	16	17	19	20	20	22	20	19	20	17
23	22	19	18	16	16	19	17	16	16	16	15	15	16	16	17	17	18	20	21	22	22	23	22	21	18
24	20	20	18	17	17	17	18	17	19	18	18	18	19	18	19	19	20	20	21	21	21	21	21	21	19
25	20	19	19	20	25	21	22	20	19	19	19	19	19	18	19	20	20	22	23	23	23	23	22	20	21
26	21	20	19	18	18	18	17	16	16	16	15	10	9	9	9	10	10	11	11	11	11	13	12	12	14
27	12	11	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	11	11	11	12	12	12	12	11
28	12	12	12	12	12	13	11	11	10	10	9	9	9	9	9	9	10	11	11	11	12	13	14	15	11
29	16	16	15	15	15	16	15	14	13	12	11	10	10	10	10	11	11	11	11	12	12	13	13	13	13
30	15	16	14	13	11	11	11	11	10	10	9	10	10	10	10	10	10	11	11	11	12	17	9	8	11
31	7	8	8	9	9	9	8	8	8	8	8	8	9	9	9	9	9	9	9	9	10	11	10	10	9
MEAN	24	24	24	24	25	25	25	25	24	24	23	22	21	21	20	20	20	20	20	21	22	22	23	23	22.6

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
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POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION												
STATION - WC NO 16001 SIMCOE HORTICULTURAL STATION													MONTH - JUN 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	10	10	10	10	10	10	10	10	10	9	9	9	9	10	10	9	9	10	10	10	11	11	11	10
2	13	12	12	12	14	14	14	13	12	11	11	11	11	11	10	11	11	10	10	10	14	13	12	11	12
3	12	12	12	13	15	14	14	12	14	13	13	11	11	10	9	9	9	10	9	10	10	11	11	11	11
4	11	11	11	11	12	12	11	11	10	10	9	9	9	9	9	10	11	11	10	10	***	***	***	***	10
5																									
6																									
7																									
8																									
9	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	20	20	***	***	***	***	***	***	***	***
10	***	***	***	***	***	***	***	***	***	***	17	17	18	18	18	18	19	19	19	20	20	19	19	21	19
11	21	21	20	19	19	19	18	18	18	18	18	18	18	18	18	18	18	18	18	18	***	***	***	***	19
12																									
13	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	18	17	17	17	17	17	17	17	17	17
14	19	19	20	20	20	20	21	20	19	19	19	18	17	17	17	18	19	20	21	19	20	19	20	19	***
15	22	21	21	21	20	20	20	20	20	20	20	19	19	19	19	20	21	21	20	19	19	19	19	19	20
16	18	18	18	18	18	18	18	18	18	18	18	17	17	17	17	17	17	18	19	19	20	23	21	22	18
17	21	20	21	21	21	21	21	21	20	19	19	19	20	21	21	22	23	24	25	24	21	21	22	24	21
18	20	19	19	19	19	19	19	19	20	19	19	21	20	20	20	21	23	23	24	24	25	25	24	24	21
19	24	23	23	24	24	24	23	23	24	23	22	21	21	21	22	22	23	23	23	23	24	25	24	23	23
20	23	23	22	22	21	21	21	20	21	20	20	21	21	21	21	22	22	22	23	24	25	24	25	24	22
21	25	24	25	25	25	24	23	21	19	19	20	20	21	21	20	20	21	23	23	24	26	25	25	25	23
22	25	25	27	26	27	26	26	25	25	25	25	25	25	25	26	28	29	32	33	34	35	34	33	33	28
23	31	29	29	29	27	27	26	27	26	25	25	26	27	28	***	***	***	***	***	***	***	***	***	***	***
24																									
25																									
26																									
27																									
28																									
29																									
30																									
MEAN	20	19	19	19	19	19	19	19	18	18	18	18	18	18	17	18	18	19	19	19	21	21	21	21	18.9

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\*



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - WC NO 16001 SIMCOE HORTICULTURAL STATION

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	22	14.7	20	24
FEB	26	18.9	27	30
MAR	9	23.0	29	32
APR	27	24.8	34	41
MAY	31	22.6	32	45
JUN	15	18.9	28	35
YEAR	130	20.5	34	45

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - WC NO 16001 SIMCOE HORTICULTURAL STATION

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141 - 200	201 & OVER	TOTAL
JAN	50	458	43	0	0	0	0	0	551
FEB	64	294	289	0	0	0	0	0	647
MAR	0	56	154	17	0	0	0	0	227
APR	0	93	478	94	0	0	0	0	665
MAY	65	184	362	131	0	0	0	0	742
JUN	43	145	180	8	0	0	0	0	376
YEAR	222	1230	1506	250	0	0	0	0	3208

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
73.8	4	10.9	16.4	20.1	23.6	28.9	31.1	33.2	34.3	45	20.5



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - WC NO 22071

EXPERIMENTAL FARM SIMCOE

MONTH - JUN 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1												-	DATA	INVALID	-											
2												-	DATA	INVALID	-											
3												-	DATA	INVALID	-											
4												-	DATA	INVALID	-											
5												-	DATA	INVALID	-											
6												-	DATA	INVALID	-											
7												-	DATA	INVALID	-											
8												-	DATA	INVALID	-											
9												-	DATA	INVALID	-											
10												-	DATA	INVALID	-											
11												-	DATA	INVALID	-											
12												-	DATA	INVALID	-											
13												-	DATA	INVALID	-											
14												-	DATA	INVALID	-											
15												-	DATA	INVALID	-											
16												-	DATA	INVALID	-											
17												-	DATA	INVALID	-											
18												-	DATA	INVALID	-											
19												-	DATA	INVALID	-											
20												-	DATA	INVALID	-											
21												-	DATA	INVALID	-											
22												-	DATA	INVALID	-											
23												-	DATA	INVALID	-											
24												-	DATA	INVALID	-											
25												-	DATA	INVALID	-											
26	***	***	***	***	***	***	***	***	***	***	***	***	13	13	13	13	13	13	13	13	13	13	13	13	13	13
27	14	14	14	14	16	17	16	13	12	12	12	11	12	11	11	11	11	11	11	11	12	13	13	14	13	
28	14	15	15	15	15	16	16	15	13	12	12	12	12	12	12	***	***	***	***	***	***	***	***	***	***	
29	***	***	***	***	***	***	***	***	***	11	10	9	10	10	11	11	11	11	11	12	12	12	12	12	12	12
30	***	***	***	***	***	***	***	***	***	11	10	9	10	10	11	11	11	11	11	12	12	12	12	12	12	12
MEAN	14	15	15	15	16	17	16	14	13	12	11	11	12	12	12	12	12	12	12	12	12	13	13	13	12.6	

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. - INDICATES DATA IS UNAVAILABLE

3. " " " " " INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - WC NO 22071

EXPERIMENTAL FARM SIMCOE

MONTH - JUL 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	13	14	14	14	14	13	13	13	11	11	11	10	10	10	10	10	10	10	11	11	12	11	11	12
2	12	12	12	12	13	12	14	13	12	11	11	11	11	11	10	10	10	10	10	10	10	11	11	11	11
3	12	12	12	12	12	12	12	11	11	11	10	11	***	11	11	11	12	12	12	13	13	14	14	14	12
4	14	14	14	14	15	15	15	14	14	13	13	12	13	13	12	12	12	12	13	13	14	14	14	13	
5	15	15	15	15	16	16	16	15	14	14	14	14	14	14	13	13	13	13	14	14	15	15	17	17	15
6	18	17	17	16	17	16	16	17	13	13	13	13	13	12	12	11	11	11	12	13	13	13	13	13	14
7	13	15	16	16	15	15	14	14	14	14	14	15	15	15	15	15	15	14	14	15	15	17	17	15	15
8	17	17	18	18	21	20	19	17	15	14	13	13	15	14	13	13	13	13	13	14	14	15	14	14	15
9	14	14	14	13	13	13	14	13	13	13	13	13	13	13	13	13	13	12	13	13	13	13	13	13	13
10	14	15	14	15	14	15	14	14	13	***	***	***	***	13	14	14	14	14	14	14	14	15	15	16	14
11	***	***	***	***	***	***	***	***	***	***	***	12	13	14	14	14	14	14	14	14	14	15	15	16	***
12	16	16	18	18	22	18	17	17	15	15	15	15	15	15	15	14	14	14	14	16	15	15	15	16	16
13	16	16	16	16	16	17	18	18	17	16	16	16	16	17	16	16	16	16	16	16	16	15	14	***	16
14	***	***	***	***	***	***	***	***	***	***	***	***	12	12	11	11	11	11	11	11	11	11	11	11	***
15	12	12	12	12	12	12	12	11	11	11	11	12	16	15	15	15	15	15	16	16	16	16	16	16	14
16	15	15	15	15	14	15	15	15	15	15	15	15	15	15	15	15	15	15	14	14	15	15	15	16	15
17	16	16	17	18	21	18	17	18	17	16	15	***	12	13	13	13	14	13	13	13	13	14	16	16	15
18	15	16	17	18	14	14	14	15	14	14	14	14	14	13	13	13	13	13	13	13	12	12	12	12	14
19	13	13	13	13	13	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	12	12	12	12	13
20	12	12	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	12	12	12	12	12	12	13
21	14	13	13	14	14	14	14	14	13	13	13	14	11	11	11	11	11	11	12	11	12	12	12	13	13
22	13	13	13	14	14	14	13	12	11	11	11	12	11	11	11	11	11	11	11	11	11	11	12	12	12
23	12	12	12	13	13	13	13	12	12	13	12	11	12	13	13	13	13	13	13	13	15	14	14	14	13
24	14	14	14	14	13	13	14	14	15	14	14	13	13	13	13	13	13	12	12	13	13	14	13	13	13
25	13	13	13	13	13	13	13	14	14	14	14	14	13	13	13	13	13	12	12	13	13	14	13	13	13
26	12	13	13	14	14	15	15	14	13	12	12	12	12	12	12	12	11	11	12	12	12	13	13	13	13
27	13	13	13	13	13	13	13	14	14	13	12	13	12	12	12	12	11	12	12	12	12	13	13	13	13
28	13	13	13	13	13	13	13	14	17	14	14	13	13	13	13	13	12	12	12	12	12	12	13	12	13
29	14	14	15	15	15	16	15	14	13	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
30	16	16	16	16	17	17	18	19	16	16	16	14	14	14	14	14	14	14	14	14	15	16	16	17	16
31	16	16	15	15	15	14	15	14	14	14	14	13	13	13	13	12	13	12	12	11	12	11	12	12	13
MEAN	14	14	14	14	15	15	15	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	14	13

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. - INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - WC NO 22071

EXPERIMENTAL FARM SIMCOE

MONTH - AUG 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	13	13	13	13	14	17	16	15	13	12	12	13	13	13	13	13	13	12	12	13	13	13	13	13
2	15	15	14	15	15	16	17	19	15	14	15	17	16	16	16	16	15	15	16	17	18	18	17	17	16
3	14	12	12	12	12	13	14	14	13	13	13	14	14	14	14	14	14	14	14	13	13	13	13	13	13
4	13	13	14	14	14	14	14	14	14	14	13	13	14	14	14	14	14	14	14	14	14	13	13	13	14
5	13	13	13	13	13	14	14	14	14	14	14	13	15	14	14	14	13	13	13	14	13	13	13	13	13
6	13	13	13	13	13	14	14	14	15	14	15	14	14	14	14	14	14	14	14	14	14	14	15	16	14
7	15	16	15	15	16	17	17	17	16	15	14	14	14	14	14	14	15	14	14	15	15	15	15	16	15
8	17	17	16	16	17	17	18	18	16	15	13	13	14	14	14	14	14	14	14	15	17	15	16	17	15
9	17	14	16	16	16	18	17	15	15	15	15	15	15	14	14	14	14	14	15	15	15	15	15	15	15
10	15	15	15	15	15	16	17	17	17	16	15	16	16	16	16	16	16	16	15	15	15	15	15	15	16
11	14	15	14	14	14	14	14	14	14	14	****	13	13	14	14	14	14	14	13	13	13	13	14	15	14
12	15	15	15	15	16	16	15	15	13	13	13	13	13	14	14	14	14	14	14	14	15	15	17	16	15
13	16	15	15	15	16	16	16	16	16	14	14	13	14	14	14	15	15	15	15	15	16	14	13	13	15
14	14	14	14	14	14	14	15	15	14	14	14	15	14	14	14	14	13	13	13	13	13	13	14	14	14
15	14	14	15	16	15	14	14	15	15	15	15	16	15	15	15	15	15	15	15	16	16	16	16	16	15
16	16	16	17	17	16	17	17	17	17	16	16	15	15	15	15	15	16	16	16	17	16	16	16	16	16
17	16	16	16	16	17	17	17	17	17	16	15	15	16	16	15	16	16	15	15	15	15	15	16	16	16
18	15	15	15	15	15	16	17	17	16	15	16	16	16	14	13	14	12	12	12	12	12	12	13	13	14
19	14	14	14	14	15	14	14	12	12	13	12	12	12	12	12	12	12	12	12	12	12	13	13	14	13
20	13	14	14	14	14	14	14	15	13	13	13	13	13	13	13	13	12	13	13	13	14	15	15	15	14
21	14	14	14	14	14	14	15	15	15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
22	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
23	13	13	14	14	14	15	15	15	15	15	14	13	13	13	13	12	12	12	12	13	13	13	13	13	****
24	15	14	14	14	15	14	13	14	14	13	13	13	13	14	14	14	14	14	13	13	13	13	14	14	14
25	15	15	15	15	14	14	15	15	14	14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
26	15	16	16	16	16	16	17	17	17	17	17	16	16	16	16	16	16	16	16	16	16	17	18	17	16
27	18	18	18	18	19	18	19	18	18	17	16	16	16	14	14	14	14	14	14	14	15	16	16	18	16
28	18	20	17	16	16	16	17	16	16	15	15	15	15	14	15	14	14	14	14	17	17	17	17	17	16
29	19	18	19	20	20	20	18	18	16	15	15	16	16	17	17	16	15	15	15	15	15	14	14	14	17
30	16	17	15	15	15	15	15	14	14	14	14	15	14	14	14	14	14	14	14	15	15	15	15	16	15
31	16	15	16	16	16	15	15	15	16	16	16	15	16	15	15	15	15	15	15	15	15	15	15	15	15
MEAN	15	15	15	15	15	15	16	16	15	15	14	14	14	14	14	14	14	14	14	14	15	15	15	15	14.7

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - WC NO 22071

EXPERIMENTAL FARM SIMCOE

MONTH - SEP 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	16	15	15	15	15	15	15	15	15	15	15	16	16	16	16	16	16	16	16	17	18	17	17	17	16	
2	17	18	17	17	17	17	18	18	18	17	16	16	15	15	15	15	15	14	14	15	15	15	15	15	16	
3	16	16	16	17	17	18	18	16	15	14	14	***	14	14	15	15	15	15	15	15	17	21	20	17	16	
4	17	17	17	17	16	16	16	16	15	15	15	15	15	15	15	15	15	15	16	16	16	16	17	17	16	
5	17	17	17	17	18	18	19	19	17	15	15	16	15	16	15	15	15	15	15	16	16	16	16	16	16	
6	14	14	14	14	15	17	15	15	14	14	14	14	13	13	13	13	13	13	13	13	14	15	15	14	14	
7	15	14	14	15	15	16	16	15	13	13	13	13	13	13	13	13	13	13	13	13	14	14	14	14	14	
8													-	DATA INVALID												-
9	***	***	***	***	***	***	***	***	***	***	***	13	13	13	13	13	13	13	13	13	14	15	16	17	***	
10	17	19	19	20	21	23	21	21	19	16	14	14	14	13	13	13	13	13	14	15	15	17	16	16	17	
11	17	17	17	17	17	17	17	17	17	17	16	16	15	15	14	14	14	13	13	13	13	13	13	12	15	
12	13	12	12	13	13	13	13	13	13	13	13	13	12	12	13	14	14	14	14	15	15	16	17	17	14	
13	17	18	19	19	19	19	19	19	17	16	16	15	14	14	14	14	14	14	14	16	16	17	18	18	17	
14	19	19	20	22	22	22	23	23	21	18	16	15	15	15	15	15	15	16	16	17	18	19	20	20	18	
15	21	20	20	20	20	20	20	19	18	16	16	12	12	12	12	12	12	14	15	15	14	15	18	16	16	
16	16	17	16	17	16	16	16	17	15	14	14	14	15	15	14	14	15	16	16	16	16	16	16	16	16	
17	16	15	16	16	17	19	22	20	18	15	14	14	28	15	9	7	6	7	6	7	8	8	8	8	13	
18	8	8	8	9	9	10	9	9	8	8	8	8	8	8	8	8	8	7	7	7	8	8	8	8	8	
19	8	8	8	7	9	9	10	11	12	11	10	13	13	12	12	12	12	11	12	13	13	13	13	13	11	
20	14	14	14	14	14	12	13	12	13	12	13	13	13	13	13	12	13	12	12	12	13	13	13	14	13	
21	14	14	14	14	14	14	14	14	14	15	15	15	14	14	14	14	14	14	14	14	14	15	15	16	14	
22	16	16	16	16	16	16	17	17	16	18	16	14	14	14	14	14	14	14	13	13	15	14	13	14	15	
23	14	15	15	14	15	16	17	17	15	15	15	14	15	14	15	15	15	16	16	23	17	17	16	16	16	
24	15	14	14	14	14	15	15	15	15	15	15	18	17	17	17	17	17	17	17	17	17	18	18	16	16	
25	18	18	17	18	18	18	19	19	19	19	18	18	19	19	19	20	20	20	20	21	21	22	22	23	19	
26	24	24	25	27	27	25	25	25	25	24	25	25	26	26	26	26	25	25	25	25	26	26	26	26	25	
27	25	25	25	25	25	25	25	25	26	26	26	25	26	26	26	25	26	26	26	26	26	26	27	28	26	
28	30	31	31	32	34	34	35	35	32	29	27	27	27	26	26	26	27	27	27	25	27	28	28	27	26	
29	26	27	28	29	30	33	31	30	26	22	14	14	14	14	14	13	13	13	13	17	17	16	16	17	20	
30	17	16	15	15	15	15	16	17	17	16	16	16	16	15	15	15	15	15	15	16	16	16	17	17	16	
MEAN	17	17	17	18	18	18	18	18	17	16	16	16	16	15	15	15	15	15	15	16	16	17	17	17	16	5



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION												
STATION - WC NO 22071													EXPERIMENTAL FARM SIMCOE												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	19	19	19	19	19	19	20	20	19	18	17	17	18	18	18	18	18	18	20	20	20	20	20	19
2	21	21	22	23	23	25	26	27	26	24	22	20	20	19	19	19	19	20	22	24	26	27	30	32	23
3	34	33	34	35	34	34	33	32	27	25	23	19	18	17	16	16	16	17	17	17	18	18	19	24	23
4	19	20	21	21	22	23	23	23	21	20	23	23	23	23	23	23	23	23	23	25	27	27	26	25	23
5	28	28	27	30	34	36	37	36	28	26	25	23	24	23	23	23	23	24	24	24	24	24	23	27	23
6	24	23	23	22	22	22	24	24	23	23	16	15	17	16	16	16	17	16	17	18	18	19	21	23	20
7	25	25	26	26	27	28	29	30	28	24	21	19	19	19	19	19	19	19	19	20	22	24	26	27	23
8	29	29	32	32	33	35	37	36	32	26	23	21	21	19	19	19	19	20	20	20	20	20	19	25	23
9	20	20	20	20	20	20	20	20	20	20	20	21	22	22	22	22	22	22	22	23	24	23	23	23	21
10	25	25	27	25	24	22	22	22	22	23	22	22	24	23	23	***	***	***	***	***	***	***	***	***	***
11												- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
12												- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
13												- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
14												- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
15	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	18	19	19	19	19	19	20	20	19	***
16	19	18	19	21	23	24	26	27	26	24	21	20	21	21	21	21	20	20	20	21	22	23	25	27	22
17	28	29	29	31	32	32	32	***	***	***	***	19	14	11	11	11	11	11	11	11	11	11	11	11	18
18	12	11	11	11	10	10	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
19	12	12	12	12	12	12	12	12	13	13	13	13	15	14	14	14	14	14	14	14	14	13	13	13	13
20	14	14	14	14	14	15	15	16	16	18	17	16	16	16	16	15	16	17	16	16	16	17	17	16	16
21	17	16	16	16	16	16	16	17	16	16	16	15	16	16	16	16	16	16	16	17	16	17	17	17	16
22	18	18	19	18	18	18	20	22	23	25	18	17	18	18	17	17	18	19	20	21	19	20	21	22	19
23	21	21	21	21	22	23	24	25	25	24	23	22	21	21	21	20	20	19	20	22	23	22	23	22	22
24	21	22	21	21	22	22	22	22	24	21	20	18	***	17	21	20	18	18	19	19	19	19	18	17	20
25	18	17	17	18	17	17	16	16	15	15	15	15	16	17	18	18	17	17	18	19	19	19	19	20	17
26	20	20	20	20	20	21	20	20	21	20	18	18	17	17	17	17	18	17	18	18	19	20	20	19	20
27	21	21	22	22	21	22	22	22	25	22	16	16	16	16	16	16	16	18	18	18	17	18	20	18	19
28	21	21	21	21	21	20	22	22	22	21	19	18	18	18	17	18	18	18	19	19	19	19	19	19	20
29	19	20	19	19	19	19	18	18	17	16	17	18	17	18	17	16	16	17	17	18	18	18	19	19	18
30	20	21	21	22	22	21	22	22	23	23	23	22	22	21	21	21	21	22	23	23	23	23	22	23	22
31	23	23	23	23	24	26	26	24	24	23	22	21	22	22	21	21	21	22	23	23	24	23	23	22	23
MEAN	21	21	21	22	22	22	23	23	22	21	19	18	19	18	18	18	18	18	19	19	19	20	20	20	20.1

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION														
STATION - WC NO 22071												MONTH - NOV 75														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	22	21	20	19	18	18	18	17	16	15	16	16	16	16	15	15	15	15	15	14	13	12	9	16		
2	7	6	6	6	6	5	5	5	5	5	5	5	5	5	3	4	3	1	2	2	3	5	6	5		
3	3	3	3	1	0	2	1	3	8	8	18	18	19	18	18	17	17	16	16	17	17	15	17	11		
4	19	15	17	12	9	12	16	14	13	13	17	19	23	21	23	22	20	25	25	25	24	24	23	22	19	
5	23	25	23	23	22	22	22	21	21	19	17	16	18	18	18	18	19	19	19	22	22	22	22	21		
6	23	21	22	22	20	20	19	19	21	21	22	22	22	21	21	20	19	20	21	23	23	23	21	22	21	
7	25	23	22	22	22	20	20	20	20	21	21	20	***	19	20	20	20	20	19	19	19	21	20	19	21	
8	19	19	19	19	19	18	19	18	19	19	19	19	21	21	21	21	21	20	20	22	24	23	23	28	20	
9	24	23	24	23	22	18	24	23	24	23	23	22	23	22	21	21	21	22	22	23	22	22	22	22	22	
10	22	21	21	19	17	12	10	8	8	7	7	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
11	- DATA INVALID -																									
12	***	***	***	***	***	***	***	***	***	***	18	17	17	15	16	16	16	17	16	16	15	16	16	16	***	***
13	16	16	17	17	17	17	17	18	18	18	17	17	16	16	16	15	15	15	15	14	14	14	14	14	16	
14	14	14	14	14	14	14	14	15	15	14	14	14	14	14	14	14	15	15	15	15	16	16	16	16	15	
15	18	19	19	20	20	21	20	20	20	20	18	17	16	15	15	15	15	16	16	16	16	16	17	18	18	
16	19	20	20	20	20	20	21	21	21	20	19	19	19	19	19	19	19	20	20	20	21	21	20	21	20	
17	22	22	23	23	23	24	24	24	24	24	***	17	17	17	17	17	18	18	18	18	18	18	19	19	20	
18	18	19	19	20	21	21	20	21	21	23	22	21	21	21	22	21	21	22	23	23	23	21	21	21	20	
19	21	21	23	23	21	22	22	26	31	27	23	21	22	22	22	22	22	23	23	22	26	24	26	25	21	
20	23	23	23	23	24	23	23	23	23	23	21	21	20	19	19	19	19	18	18	19	18	16	17	17	21	
21	16	17	17	17	17	16	16	17	17	17	17	18	17	16	17	16	17	17	17	17	17	17	17	18	17	
22	18	16	16	15	15	14	13	13	14	14	14	14	15	15	15	15	15	16	17	16	16	17	17	17	15	
23	18	17	18	17	18	18	18	18	18	17	17	17	17	16	16	16	17	18	18	17	18	18	18	18	17	
24	19	19	19	19	19	19	19	19	19	20	16	15	15	16	15	15	16	16	15	15	16	14	15	15	17	
25	15	16	17	16	15	14	15	15	15	15	14	14	14	14	14	15	15	15	14	14	14	14	15	15	15	
26	16	16	16	16	17	16	16	16	16	17	16	15	15	15	15	15	15	16	16	16	16	16	16	17	16	
27	16	15	15	14	15	15	13	12	12	12	13	13	14	15	16	16	16	16	16	17	17	16	17	17	15	
28	17	18	18	18	18	17	17	18	19	18	18	18	17	14	14	14	14	15	18	18	18	19	19	19	17	
29	22	21	21	21	21	22	21	20	19	19	18	19	20	19	18	18	19	19	20	19	18	18	18	19	20	
30	18	18	17	16	14	11	10	10	10	10	10	10	11	10	9	9	9	9	8	9	10	10	10	10	11	
MEAN	18	18	18	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	18	18	18	18	18	17	3



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - WC NO 22071

EXPERIMENTAL FARM SIMCOE

MONTH - DEC 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	11	11	11	11	10	10	10	11	11	11	11	12	12	12	12	12	13	13	14	14	13	13	13	12
2	13	14	15	16	16	17	18	17	17	17	17	16	16	17	17	17	18	18	19	20	19	19	18	17	17
3	17	16	16	15	15	16	16	17	17	17	17	17	17	17	17	18	19	20	21	21	22	22	22	22	18
4	22	23	23	24	23	22	22	22	22	22	22	22	22	21	21	21	20	21	22	22	23	23	23	23	22
5	24	24	24	24	25	26	26	25	23	22	21	20	20	21	20	20	20	19	19	19	18	17	17	17	21
6	16	16	16	16	16	16	17	16	17	16	16	16	16	16	16	16	16	18	19	19	20	20	21	21	17
7	22	22	22	22	23	23	23	23	23	23	23	22	22	21	21	21	21	21	21	21	21	21	21	21	22
8	22	22	22	22	22	22	23	23	25	25	25	23	22	22	22	12	11	10	10	10	10	10	10	10	18
9	10	10	10	10	10	10	10	9	9	9	9	9	9	8	9	9	9	10	12	11	10	11	11	11	10
10	10	10	10	9	9	9	8	8	8	8	8	8	8	8	9	8	9	9	9	9	10	10	10	10	9
11	10	10	10	10	10	10	10	10	11	10	10	9	9	9	9	9	10	11	11	13	11	10	12	10	10
12	12	12	11	12	11	11	11	11	11	11	11	11	14	13	13	13	14	14	14	14	14	14	14	14	13
13	15	15	15	15	15	15	15	15	15	15	15	15	16	17	16	17	17	18	18	18	18	19	18	18	16
14	17	17	17	16	15	15	15	15	15	15	15	15	14	14	13	14	13	12	12	12	12	12	12	12	14
15	12	12	12	13	13	13	13	13	14	14	14	14	14	15	15	15	14	14	14	15	15	14	15	15	14
16	15	15	15	15	15	15	15	15	16	17	16	15	15	15	15	14	15	15	15	15	15	15	15	15	15
17	16	16	16	16	16	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
18	17	17	17	17	17	16	16	16	16	16	16	16	16	16	16	16	16	17	17	17	17	17	17	17	17
19	18	17	17	18	18	18	18	18	19	19	18	18	18	17	17	17	17	18	18	19	19	19	19	18	18
20	19	19	18	18	18	18	18	18	19	18	18	18	18	18	18	17	18	18	19	18	19	19	19	19	18
21	18	18	18	18	18	18	18	18	18	18	19	19	19	18	18	18	18	19	19	20	20	20	20	21	19
22	21	21	21	22	22	22	21	21	20	20	19	18	15	15	14	14	14	15	15	17	16	16	16	15	18
23	15	15	15	15	14	13	13	13	13	13	13	13	13	13	12	12	12	13	13	14	14	14	14	15	14
24	16	15	15	15	15	16	16	16	15	15	14	14	14	14	13	13	13	14	16	13	13	14	14	14	14
25	15	15	15	15	15	15	14	14	14	14	15	15	14	15	15	15	16	16	15	15	16	15	15	15	15
26	15	14	13	13	13	12	12	12	12	12	12	12	13	13	13	13	15	14	14	14	14	14	15	15	13
27	13	13	13	13	13	12	12	12	12	12	13	13	13	13	13	13	13	15	14	14	14	14	15	15	15
28	15	15	16	16	16	16	15	15	15	15	15	15	15	15	15	15	15	16	16	17	16	15	15	16	15
29	16	16	16	16	16	16	15	17	16	16	16	16	14	13	14	14	14	14	15	16	17	23	21	17	16
30	16	15	15	15	15	14	14	14	14	14	13	13	14	13	12	12	12	12	12	12	13	13	14	14	14
31	- DATA INVALID -																								
MEAN	16	16	16	16	16	16	16	16	16	16	16	15	15	15	15	15	15	15	16	16	16	16	16	16	15.6

- NOTES 1. \*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY		DATA UNAVAILABLE		
JUN	1	12.6	13	17
JUL	28	13.6	16	22
AUG	29	14.7	17	20
SEP	28	16.5	29	35
OCT	25	20.1	27	37
NOV	27	17.3	23	31
DEC	30	15.6	22	26
YEAR	168	16.1	29	37

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141 - 200	201&OVER	TOTAL
JAN		DATA UNAVAILABLE							
FEB		DATA UNAVAILABLE							
MAR		DATA UNAVAILABLE							
APR		DATA UNAVAILABLE							
MAY		DATA UNAVAILABLE							
JUN	4	62	0	0	0	0	0	0	66
JUL	15	681	4	0	0	0	0	0	700
AUG	0	710	4	0	0	0	0	0	714
SEP	41	525	108	10	0	0	0	0	684
OCT	3	287	306	24	0	0	0	0	620
NOV	58	405	207	1	0	0	0	0	671
DEC	71	536	108	0	0	0	0	0	715
YEAR	192	3206	737	35	0	0	0	0	4170

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
81.2	0	11.3	13.4	14.8	16.9	21.5	23.3	26.0	28.9	37	16.1



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH - JAN 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	21	20	22	20	20	19	20	19	19	19	19	19	18	17	17	17	16	17	17	17	17	17	19	19
2	19	19	19	19	19	19	22	23	24	23	22	22	22	22	22	23	27	25	24	26	24	25	32	24	23
3	23	19	19	19	19	19	24	29	23	21	21	20	19	18	18	18	20	19	19	19	18	19	19	19	20
4	18	19	19	19	19	19	19	19	20	20	20	20	21	21	21	22	22	22	23	22	21	21	22	23	21
5	21	21	22	22	21	22	22	25	24	24	24	24	23	23	23	26	25	26	27	31	28	25	26	27	24
6	26	24	24	24	24	23	29	32	28	***	19	19	19	18	18	22	25	21	22	18	17	17	17	18	22
7	18	17	17	17	17	17	18	20	20	20	19	20	21	20	20	21	24	23	26	26	26	27	26	27	21
8	28	26	26	25	23	24	28	35	34	34	32	26	24	24	24	26	28	24	26	25	25	26	20	21	26
9	19	19	19	23	21	21	22	22	22	***	19	19	19	19	20	21	24	22	20	24	23	23	22	22	21
10	23	19	19	18	19	20	24	28	29	26	24	25	26	27	28	32	32	28	30	34	42	43	31	20	27
11	20	20	19	18	17	18	18	18	18	19	19	18	19	19	19	20	19	20	20	20	20	20	20	20	19
12	20	20	20	21	21	21	22	22	22	22	22	22	23	23	23	23	23	22	23	22	22	23	23	23	22
13	23	23	23	23	23	23	25	25	26	19	19	19	18	19	19	19	20	22	20	19	19	19	19	18	21
14	18	17	16	17	17	17	18	19	19	18	18	18	18	18	19	19	19	20	19	18	18	18	19	19	18
15	19	19	19	18	18	18	21	21	21	21	21	20	20	19	19	21	24	21	21	21	20	20	20	20	20
16	19	19	19	19	19	19	21	22	22	20	20	20	20	20	21	21	23	22	21	21	21	21	22	22	21
17	23	23	23	23	23	23	25	26	26	25	25	24	24	25	24	26	30	27	25	25	25	24	27	25	25
18	24	24	24	24	23	22	24	23	21	22	22	22	22	23	22	23	21	21	21	21	21	21	20	20	22
19	20	21	19	19	19	19	19	19	19	19	21	21	21	21	21	21	21	21	21	21	22	22	22	22	20
20	22	22	22	22	22	23	23	24	24	24	25	25	25	25	26	30	30	27	26	27	26	28	28	28	25
21	29	28	36	32	26	25	25	26	26	****	****	****	****	18	18	17	17	17	15	15	14	14	14	14	21
22	17	17	17	17	17	17	18	18	18	19	19	19	19	19	19	20	22	22	22	24	22	24	23	25	20
23	25	22	21	21	21	21	22	31	27	22	20	20	20	19	19	19	18	20	21	19	19	18	18	18	21
24	19	18	17	17	17	17	19	22	24	22	20	19	19	18	19	24	27	24	24	23	26	24	25	27	21
25	26	25	24	27	24	20	21	24	31	37	35	26	26	25	20	18	18	17	13	13	13	12	11	11	22
26	11	12	11	11	11	11	11	11	11	10	11	11	10	10	11	11	11	11	12	13	13	13	13	13	11
27	13	12	12	12	12	14	15	16	17	17	17	17	17	17	16	17	19	17	17	17	17	17	17	18	16
28	18	18	17	17	17	24	27	30	33	28	22	20	19	18	18	22	27	23	23	23	20	22	25	24	22
29	18	16	17	17	18	17	20	19	24	24	23	28	21	16	15	15	15	15	14	14	15	14	15	16	18
30	17	17	18	18	17	17	17	17	19	18	18	18	18	17	19	18	18	17	17	17	17	19	18	19	18
31	19	20	22	22	22	21	24	24	24	22	21	20	18	19	19	19	19	19	20	21	20	19	18	19	20
MEAN	20	20	20	20	20	20	21	23	23	22	21	21	20	20	20	21	22	21	21	21	21	21	21	21	20.9

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH - FEB 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	19	19	18	18	18	18	19	19	19	21	21	18	18	17	19	18	19	18	19	17	17	16	16	18
2	17	17	17	17	17	26	18	21	20	18	19	15	15	14	14	15	15	16	17	17	17	18	15	15	17
3	15	15	14	14	16	16	19	19	18	17	17	15	17	16	16	15	17	17	18	18	17	18	17	18	17
4	18	17	17	16	15	16	20	21	***	20	17	17	18	18	17	17	19	17	16	17	18	21	28	20	19
5	20	16	15	15	16	16	16	20	23	21	20	20	23	23	21	21	20	17	18	17	16	16	17	17	19
6	16	15	14	14	15	20	15	17	17	17	16	15	16	16	15	15	16	16	14	13	13	13	13	13	15
7	12	12	12	12	12	12	14	13	14	15	15	14	14	14	14	14	16	15	15	17	17	15	15	14	14
8	14	13	13	13	13	12	13	13	13	14	14	14	13	16	14	15	15	15	15	15	15	14	15	14	14
9	15	14	14	14	14	14	13	13	13	13	13	14	13	13	14	14	14	14	15	15	15	16	16	15	14
10	15	15	15	15	15	15	17	17	17	17	17	15	15	15	15	20	20	19	17	15	16	16	16	17	16
11	19	17	17	17	17	17	16	17	***	20	19	18	16	16	17	17	18	19	26	19	19	20	22	20	18
12	19	20	21	21	19	18	17	19	20	21	21	19	19	20	22	21	22	22	17	17	17	16	16	16	19
13	16	15	15	15	15	15	17	18	19	18	18	17	17	17	17	18	20	18	17	17	16	17	17	17	17
14	16	16	16	16	16	17	18	20	20	19	21	19	19	19	19	19	23	22	21	20	21	19	19	19	
15	19	19	18	18	18	18	19	19	20	19	20	20	20	21	21	24	21	21	22	21	23	20	19	19	20
16	18	17	17	19	21	22	19	18	18	18	18	18	17	18	18	17	16	16	16	16	16	17	17	17	18
17	17	17	18	18	18	22	19	20	19	18	18	17	17	18	18	19	23	22	22	27	21	17	17	17	19
18	17	17	17	17	17	18	18	19	19	21	20	20	19	20	20	22	24	23	22	22	19	20	22	19	20
19	17	17	17	16	16	16	17	18	19	18	17	17	16	17	17	18	19	17	17	17	17	17	17	17	17
20	17	17	16	16	16	16	22	23	21	19	18	18	18	17	18	19	19	18	18	18	17	17	19	18	18
21	18	19	18	18	19	19	20	25	22	22	22	21	21	21	21	23	24	23	26	26	26	26	25	22	22
22	24	21	21	19	24	24	28	38	29	20	19	20	20	21	21	21	20	22	22	20	21	23	24	23	23
23	32	26	22	24	22	22	23	23	23	22	21	20	21	21	19	17	17	16	15	15	15	14	14	20	20
24	14	13	13	13	13	13	13	14	14	13	14	19	19	19	18	25	26	21	22	19	17	15	15	16	17
25	15	15	15	15	16	15	16	16	16	15	15	15	15	15	16	16	16	15	15	15	15	15	14	15	15
26	14	14	14	14	14	14	15	16	16	16	***	17	18	18	18	19	19	19	19	19	19	19	19	19	17
27	17	18	18	18	18	18	19	20	19	19	19	19	19	19	20	21	21	21	20	20	21	21	21	19	21
28	20	20	19	19	19	22	24	24	23	21	21	20	20	21	21	22	23	22	19	19	18	18	18	19	21
MEAN	18	17	17	16	17	18	18	19	19	18	18	18	18	18	18	19	19	19	19	18	18	18	18	18	17.9

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION													
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON												MONTH - MAR 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	18	17	17	17	17	17	17	18	18	18	19	17	17	17	17	18	18	18	18	18	18	18	17	18
2	17	18	18	17	17	17	17	18	18	18	17	17	17	17	17	17	17	17	18	18	19	19	19	19	18
3	18	18	18	19	19	19	19	21	19	19	19	19	18	18	19	20	20	20	20	19	19	18	19	19	19
4	19	19	19	19	19	19	22	23	24	21	20	20	19	19	19	20	22	22	21	21	22	23	23	21	21
5	21	19	19	19	19	21	25	25	24	22	22	22	21	21	19	21	22	21	21	22	24	24	21	21	21
6	24	19	17	17	16	15	17	17	17	17	17	17	19	19	19	23	24	24	23	24	24	24	24	27	20
7	27	30	22	22	21	22	27	26	26	23	22	22	22	24	25	22	21	19	19	19	19	19	20	21	23
8	22	22	21	19	19	19	19	19	19	19	21	21	20	19	20	20	20	20	21	20	21	22	22	22	20
9	23	23	22	22	23	24	23	24	23	21	21	20	20	19	18	18	17	18	19	19	19	18	18	19	20
10	18	23	17	21	18	18	21	23	23	19	18	19	18	20	19	22	22	19	20	20	20	22	24	23	20
11	21	23	20	19	18	18	19	20	23	22	23	21	22	22	21	24	26	22	25	26	23	22	24	23	22
12	23	22	22	21	20	29	32	29	26	34	33	18	18	19	22	22	22	20	19	19	18	18	18	18	23
13	18	16	16	15	16	17	19	19	18	18	18	19	19	19	18	19	19	19	20	22	21	22	19	19	19
14	19	20	20	19	18	18	18	18	18	17	18	17	17	17	17	18	19	19	20	22	21	22	19	19	19
15	16	16	17	17	19	18	19	19	19	19	18	19	19	19	19	19	19	19	20	20	19	19	19	19	19
16	19	20	19	19	19	19	20	20	19	19	19	20	20	21	22	24	23	22	24	23	29	33	35	35	23
17	26	22	21	20	21	22	23	32	28	22	22	21	21	20	20	20	22	20	22	23	23	26	24	24	23
18	24	24	21	21	21	22	29	39	35	30	22	22	21	20	20	30	28	27	28	26	30	25	38	19	26
19	18	17	17	17	17	18	19	19	23	20	19	21	25	26	24	22	22	19	17	16	17	17	17	19	19
20	17	17	17	17	17	17	17	17	18	17	17	18	17	18	17	18	19	19	19	19	19	20	20	18	18
21	22	23	25	17	17	18	18	19	20	20	20	19	20	20	20	21	21	17	18	18	18	17	17	17	19
22	18	18	17	17	16	16	16	17	17	17	19	18	19	24	21	16	16	16	16	16	16	16	17	17	17
23	18	18	17	17	17	17	18	18	18	18	18	18	18	18	19	19	19	19	19	19	19	22	19	18	18
24	16	16	16	16	16	15	16	16	16	17	17	17	17	17	17	17	19	19	19	19	18	18	19	20	17
25	19	18	18	17	17	17	19	19	16	15	15	15	17	17	17	18	19	18	18	18	17	18	17	18	17
26	18	18	18	18	18	18	18	19	18	18	18	18	18	18	19	20	19	19	20	18	19	19	19	20	19
27	19	19	19	18	18	18	19	19	19	18	19	19	20	20	20	22	22	23	22	20	20	19	19	18	19
28	22	21	21	22	21	22	22	22	20	20	20	19	21	20	20	20	20	20	20	20	20	20	20	20	21
29	20	20	20	20	19	19	23	21	21	24	22	21	22	22	21	21	20	20	21	20	20	20	20	20	21
30	20	20	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
31	20	20	20	21	19	19	19	19	18	18	19	19	19	19	19	20	22	20	20	22	22	21	22	19	20
MEAN	20	20	19	19	18	19	20	21	21	20	20	20	19	20	19	20	21	20	20	20	20	21	20	19	20

- NOTES 1 \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2 - INDICATES DATA IS UNAVAILABLE  
3 \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION													
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON												MONTH - APR 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	19	19	19	19	19	22	21	24	19	18	17	18	19	22	20	19	18	19	19	19	21	22	20	20
2	19	19	19	18	18	18	19	20	21	20	22	19	19	19	19	20	23	19	19	19	18	18	17	17	19
3	17	17	15	15	15	15	17	17	16	16	16	17	17	17	17	18	18	17	18	18	19	19	19	19	17
4	19	19	19	19	19	17	19	19	19	19	20	20	20	20	20	22	22	21	22	22	21	22	22	20	19
5	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
6	23	23	23	23	22	22	22	22	23	22	22	22	22	22	22	22	22	22	22	23	24	24	24	23	23
7	24	24	24	24	24	24	25	25	24	24	24	24	24	26	26	26	26	26	27	26	26	26	26	26	26
8	28	29	28	26	26	26	27	28	27	25	25	26	26	26	26	26	27	27	27	27	27	27	28	30	27
9	31	31	28	28	28	28	28	30	30	18	18	17	17	17	16	16	20	18	16	15	15	15	16	16	21
10	13	13	13	13	13	13	13	14	14	15	15	16	14	14	14	15	16	15	14	14	14	14	14	14	14
11	15	15	15	15	15	15	17	17	15	17	15	15	15	14	14	14	14	15	15	15	15	15	15	15	15
12	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	16	16	20	15
13	17	17	16	16	16	16	16	16	15	15	15	15	15	15	15	15	15	15	16	17	18	19	19	19	16
14	22	22	22	22	22	22	*****	*****	*****	23	22	22	22	22	22	22	23	24	24	25	25	24	24	26	23
15	25	24	23	23	22	22	21	21	*****	19	21	19	19	17	19	18	19	20	18	19	20	19	20	20	20
16	19	19	19	18	18	18	19	20	19	17	17	17	17	17	17	17	17	17	17	24	24	35	34	41	21
17	43	28	22	21	22	22	22	22	22	19	22	20	21	20	19	18	19	21	22	22	20	21	24	25	22
18	24	21	19	21	20	24	26	26	25	19	19	19	19	19	19	19	19	19	18	18	18	19	17	16	20
19	15	15	15	14	14	14	14	14	14	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
20	16	16	15	15	15	15	15	15	15	15	15	15	15	16	16	16	16	17	17	17	17	17	19	19	16
21	19	19	19	19	19	20	22	20	20	20	20	20	20	20	20	20	20	19	21	22	22	24	24	20	20
22	24	24	24	23	23	25	35	30	23	23	22	22	22	22	22	23	24	23	24	28	22	22	23	24	24
23	24	27	37	29	32	30	34	30	28	24	24	24	25	25	21	22	20	18	25	20	15	15	15	24	24
24	15	14	13	13	13	14	17	19	18	18	17	16	17	17	16	17	17	16	17	19	16	17	17	17	16
25	17	17	17	17	17	17	18	19	21	19	21	19	18	18	18	17	19	22	23	25	24	30	26	24	20
26	21	20	19	19	19	20	18	17	17	17	18	18	17	17	17	17	17	18	18	20	20	22	22	19	19
27	22	22	22	22	22	20	19	19	19	19	19	17	18	18	18	18	18	19	18	18	20	22	22	20	20
28	20	19	19	22	22	20	20	22	23	22	22	19	19	17	18	22	21	22	21	19	19	19	19	20	20
29	21	20	20	20	22	20	26	28	28	21	22	22	21	19	19	21	19	21	21	21	21	21	24	26	22
30	25	24	24	25	26	26	25	24	21	21	20	21	21	21	21	21	23	24	22	22	24	23	23	21	23
MEAN	21	21	20	20	20	20	21	21	21	19	19	19	19	19	19	19	20	19	20	20	20	21	21	21	20



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH - MAY 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	22	22	22	24	26	32	31	29	30	24	25	32	26	29	29	25	23	21	25	30	30	33	24	27
2	23	21	18	17	17	19	19	19	18	18	17	17	17	19	19	18	18	18	19	18	18	18	17	17	18
3	18	18	18	18	21	27	28	26	27	21	21	21	23	21	21	21	20	19	18	17	16	17	17	19	16
4	17	19	13	13	15	13	13	14	15	15	16	15	15	15	15	15	17	19	18	17	16	16	17	19	16
5	19	18	19	21	19	19	21	24	22	22	25	24	24	26	26	31	23	25	26	25	25	24	24	23	25
6	24	22	24	23	22	22	26	21	18	22	24	25	25	24	25	25	24	25	25	25	30	29	28	26	25
7	24	25	28	24	27	39	24	24	22	22	22	22	22	20	20	21	22	22	23	26	30	34	37	24	25
8	22	22	22	22	22	28	31	27	22	25	28	27	27	28	29	30	26	27	27	28	32	36	39	51	28
9	43	46	69	53	49	48	43	32	26	29	29	30	32	28	28	27	24	23	26	28	34	39	42	52	37
10	40	32	26	26	26	26	26	25	25	28	26	25	24	24	24	22	23	23	25	26	30	29	28	37	27
11	33	25	25	25	23	23	23	23	23	23	23	23	23	23	23	23	23	23	24	25	24	26	27	26	24
12	24	33	32	30	38	40	37	33	32	33	29	28	29	28	28	31	31	30	32	32	32	35	39	40	32
13	30	23	23	24	24	25	29	29	***	19	17	17	17	17	18	22	21	20	21	22	21	20	21	21	22
14	21	22	22	20	21	24	25	22	21	21	21	21	21	21	22	22	21	21	21	22	22	24	22	21	22
15	20	20	20	19	21	29	28	32	29	23	28	31	30	29	32	36	30	34	25	20	20	20	20	20	26
16	22	22	22	22	22	22	22	21	22	22	22	22	22	22	24	25	24	25	26	29	27	27	33	34	24
17	31	28	30	32	30	31	31	28	28	28	28	26	24	26	26	26	25	25	27	28	28	30	30	33	28
18	45	33	33	31	30	28	29	34	33	24	24	26	24	24	24	24	24	24	24	26	26	26	26	26	28
19	26	26	26	26	26	26	***	28	28	28	28	28	***	18	17	17	15	15	14	17	17	17	17	17	22
20	17	17	17	17	17	19	20	19	19	19	19	19	19	19	19	19	19	19	21	21	21	21	21	20	19
21	20	21	20	20	26	26	29	27	24	21	19	19	20	20	20	20	20	19	19	19	21	22	26	27	22
22	29	26	24	26	33	40	33	29	***	26	26	27	29	32	31	33	32	32	29	36	37	43	37	35	32
23	41	45	54	57	47	45	43	37	33	33	35	30	28	29	30	30	30	30	29	29	37	40	43	38	37
24	37	29	29	29	29	29	35	37	33	29	28	28	28	28	27	27	27	27	28	32	33	32	41	37	31
25	32	30	30	30	29	28	28	28	28	28	28	27	27	27	27	29	29	30	29	32	31	33	31	30	29
26	28	26	25	25	25	26	26	26	26	24	23	23	23	23	24	25	23	24	24	24	25	24	24	24	25
27	24	24	24	24	24	26	26	***	17	17	17	17	17	17	18	18	18	18	18	18	19	20	19	19	20
28	18	18	17	17	17	19	19	21	19	19	21	21	21	21	21	20	20	20	21	23	25	30	31	40	22
29	35	44	46	43	63	52	43	38	35	33	30	28	28	28	28	28	26	26	26	28	33	29	26	23	34
30	25	27	27	26	26	27	33	28	28	32	27	27	26	26	26	29	25	24	24	25	25	25	24	24	27
31	22	21	21	20	21	22	22	22	22	23	23	23	24	26	25	23	23	24	24	24	25	26	26	26	23
MEAN	27	26	27	26	27	28	28	27	25	25	24	24	24	24	24	25	23	24	24	25	26	27	28	28	25.6

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH - JUN 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	26	26	25	26	26	27	26	25	24	25	25	26	25	26	26	26	26	25	26	28	27	28	28	27	26
2	26	25	25	26	26	29	31	30	28	28	30	27	27	27	28	30	28	28	28	27	29	28	29	28	28
3	26	26	26	26	26	31	35	35	25	22	19	18	19	18	20	23	19	19	19	19	21	23	25	22	23
4	19	19	18	17	18	21	21	20	19	19	19	19	19	19	21	23	22	21	21	21	20	20	20	20	20
5	20	20	20	20	19	24	21	24	23	24	24	20	23	32	30	26	28	37	25	30	21	21	22	25	24
6	24	22	19	19	17	19	19	20	20	20	20	20	19	19	19	21	19	19	19	21	19	19	19	19	20
7	19	19	18	18	18	18	17	17	17	17	17	17	17	19	18	18	19	19	18	18	19	19	19	19	18
8	18	18	17	17	17	17	17	17	17	18	18	18	18	18	18	19	19	19	20	20	21	21	21	21	19
9	20	20	20	20	21	23	25	24	26	25	25	25	25	25	25	25	24	24	24	24	24	24	28	32	24
10	30	40	38	33	34	38	34	34	32	29	27	26	24	25	25	26	25	25	25	26	28	31	33	31	30
11	26	28	30	30	32	39	33	30	26	27	26	26	26	26	28	32	28	32	32	30	30	31	24	24	29
12	23	21	21	22	22	23	26	26	24	21	21	21	21	21	21	21	21	21	21	20	20	20	20	20	22
13	20	20	20	20	20	20	20	20	19	22	22	22	24	24	24	24	24	24	24	25	29	26	25	25	23
14	24	22	22	22	22	22	22	23	23	23	24	24	23	24	24	24	24	24	24	24	25	25	25	28	24
15	29	26	25	24	24	24	24	25	27	25	25	25	24	24	23	22	22	22	22	22	24	25	24	23	24
16	22	22	22	22	23	24	25	25	24	24	25	26	26	26	27	28	27	28	28	28	29	29	28	28	26
17	26	25	25	26	27	31	29	29	24	26	29	30	32	33	36	37	35	36	35	36	37	35	33	32	31
18	32	31	32	32	33	35	35	34	35	35	35	35	35	37	39	38	37	37	37	37	37	39	37	37	35
19	35	36	36	39	37	48	52	51	***	43	41	41	41	39	39	38	37	36	36	37	37	38	38	38	40
20	37	37	37	38	40	43	43	41	***	22	23	24	24	26	26	27	27	27	28	30	33	33	45	42	33
21	39	41	43	39	40	41	38	32	29	31	29	28	26	26	27	27	28	28	29	29	30	33	28	29	32
22	39	37	36	39	43	46	45	37	35	33	33	32	30	30	33	33	33	33	35	33	32	32	30	30	35
23	29	30	28	29	28	28	29	30	23	23	24	25	26	28	29	30	28	27	27	27	26	25	25	25	27
24	23	22	22	22	23	24	25	28	28	26	24	23	24	24	26	26	24	26	28	28	24	22	22	22	24
25	22	20	20	21	21	23	25	22	19	19	19	19	19	19	19	19	19	21	20	21	22	25	27	27	21
26	24	24	27	27	27	28	28	29	21	21	21	21	25	33	21	22	22	23	22	26	26	24	24	22	25
27	21	19	21	24	32	37	23	22	22	19	19	19	19	19	20	22	20	22	22	22	21	22	28	30	23
28	30	28	27	28	25	26	31	32	30	26	22	22	23	25	24	25	26	27	28	30	29	30	28	29	27
29	37	32	24	21	21	19	18	18	19	21	22	22	23	23	23	22	22	23	24	26	26	26	29	23	24
30	19	22	22	24	24	25	21	20	20	18	18	18	19	21	19	19	19	19	20	20	22	24	28	28	21
MEAN	26	26	26	26	26	28	28	27	24	24	24	24	24	25	25	26	25	26	26	26	26	27	27	27	25



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION													
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON												MONTH - JUL 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	24	24	26	30	24	28	25	23	21	21	19	20	22	24	24	24	25	25	24	26	26	26	20	24
2	22	25	23	23	23	24	25	25	23	23	23	23	23	23	24	24	23	23	24	24	24	24	24	24	24
3	18	18	18	18	19	22	19	19	17	17	17	18	**	22	22	20	19	19	20	22	24	29	20	19	20
4	19	20	17	17	17	21	21	17	17	17	17	17	17	18	19	18	18	19	18	20	23	22	20	20	19
5	17	17	17	17	16	17	17	17	18	17	18	19	19	19	19	19	19	19	19	19	19	19	19	19	18
6	20	25	29	26	21	27	31	21	21	19	19	22	21	20	20	19	19	19	20	21	20	20	27	22	22
7	32	37	39	34	35	34	36	24	19	18	18	18	17	18	18	18	19	18	18	19	19	20	23	23	22
8	21	19	19	19	19	19	21	22	17	17	18	19	18	19	20	22	18	18	19	19	20	19	18	17	19
9	15	13	13	13	13	14	14	14	**	**	18	19	19	18	19	19	19	19	19	20	21	24	23	19	18
10	18	19	18	19	19	19	19	19	19	19	19	24	26	26	26	27	22	21	22	21	21	21	21	21	21
11	20	19	19	19	19	19	21	21	21	20	19	19	19	20	20	20	19	22	22	21	21	21	21	20	20
12	22	26	24	22	22	24	24	27	23	23	21	20	19	20	20	20	19	19	19	19	20	20	20	20	21
13	21	21	22	23	21	21	22	21	21	21	20	22	24	23	24	22	22	22	22	22	21	24	21	20	22
14	19	21	19	20	20	20	21	21	20	20	20	20	20	20	20	21	20	20	19	19	19	20	21	20	20
15	19	20	21	24	21	23	25	23	22	22	26	23	23	22	24	24	23	22	23	25	24	24	24	23	23
16	21	21	25	25	24	30	30	30	23	21	21	20	20	20	20	20	21	20	20	22	20	20	20	20	22
17	19	19	19	19	19	21	20	20	19	19	19	19	19	20	22	22	20	20	20	20	20	20	20	20	22
18	20	19	18	18	18	20	20	18	22	19	19	21	22	22	22	22	20	20	20	21	21	21	21	21	20
19	17	15	15	15	15	15	15	15	14	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
20	15	14	13	13	13	14	14	13	13	13	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15
21	15	13	13	13	13	19	15	15	14	14	14	14	14	14	14	14	15	14	14	14	15	14	15	15	14
22	17	15	15	15	14	15	16	16	15	15	15	15	15	15	16	16	15	15	15	15	15	15	15	15	15
23	14	14	14	14	14	17	17	16	15	14	14	14	15	15	15	15	15	15	16	18	26	**	**	17	16
24	17	16	15	15	15	16	18	16	16	15	15	13	14	14	14	14	14	14	15	14	14	13	13	15	13
25	13	12	12	12	12	12	12	12	12	12	12	13	13	13	13	13	13	14	14	16	15	15	15	15	14
26	16	16	15	15	15	15	15	15	15	14	13	13	13	13	13	13	13	13	13	15	14	14	**	**	**
27	17	22	18	16	14	13	12	**	**	**	13	13	13	13	13	13	13	14	14	15	16	18	17	15	15
28	14	13	12	12	12	15	13	18	18	18	18	19	19	20	19	19	19	21	20	22	20	19	19	19	17
29	20	20	20	20	20	22	22	24	23	21	24	23	24	25	21	21	21	21	19	20	22	20	21	20	21
30	19	21	22	21	21	23	24	24	21	20	21	21	21	22	22	23	24	24	24	23	22	23	24	21	22
31	22	22	20	20	20	21	23	23	22	22	22	23	23	23	24	25	24	25	26	26	24	24	25	25	23
MEAN	19	19	19	19	19	20	20	20	19	18	18	18	19	19	19	19	19	19	19	20	20	20	20	19	19

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION												
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON													MONTH - AUG 75												
HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	25	24	24	24	26	28	28	27	24	22	23	24	23	25	26	26	25	26	28	26	25	25	25	25
2	26	25	25	24	23	24	25	25	24	23	22	22	22	22	23	23	24	25	25	26	25	28	35	32	25
3	32	21	18	19	19	20	21																		
4																									
5																									
6	15	14	14	15	15	14	14	15	19	18	17	15	15	15	17	16	16	15	15	14	18	22	19	23	16
7	18	17	16	16					18	19	19	17	20	18	19	22	20	20	20	19	19	20	19		19
8	20	19	19	19	20	25	25	25	22	17	17	17	17	17	17	17	20	18	18	18	19	18	17	18	19
9	18	17	17	19	18	20	23	17	17	17	16	15	16	16	16	16	17	17	16	17	17	17	17	17	17
10	18	18	18	17	17	17	18																		
11																									
12	19	17	15	15	16	19	21	18	18	17	15	15	15	14	15	20	19	17	17	16	15	17	19	18	18
13	16	13	17	18	21	21	21	18	23	19	18	18	18	17	17	18	17	17	19	19	21	18	18	19	17
14	18	17	17	17	17	21	20	18	17	18	17	17	19	18	18	19	19	17	19	19	21	18	18	19	18
15	22	21	21	20	19	26	32	36	35	32	26	26	24	24	24	24	23	22	21	21	22	20	19	24	19
16	20	20	21	22	21	21	20	20	21	20	20	23	21	21	20	21	21	22	21	21	23	24	24	22	21
17	22	22	25	24	22	22	22	22	20	20	20	21	20	20	20	21	21	21	21	22	22	24	24	22	21
18	21	22	21	20	22	24	25	24	22	20	20	20	20	20	20	21	21	21	21	22	22	22	23	22	22
19	26	24	24	24	24	26	30	31	28	24	24	24	24	24	23	24	24	23	24	25	25	24	24	30	25
20	26	25	24	24	25	27	28	30	28	26	24	22	18	18	17	17	15	16	17	17	17	19	20	20	22
21	24	24	23	22	27	39	41	41	37	37	34	36	32	19	18	18	18	15	15	17	15	15	15	15	25
22	23	22	23	23	23	24	25	24	24							18	17	20	18	21	22	23	28	34	23
23	41	44	44	44	35	26	30	40	34	30	25	24	22	21	20	21	22	23	24	23	22	23	22	23	23
24	25	27	26	25	26	26	24	26	29	30	20	19	20	19	19	20	21	21	22	22	24	27	30	34	24
25	47	59	28	23	23	22	22	23	24	24	24	24	24	24	24	24	22	24	22	24	22	23	23		26
26																									
27																									
28																									
29	17	16	13	13	14	15	17	12	11	11	15	26	28	22	25	26	29	23	32	28	22	26	21	18	20
30	17	18	18	18	17	17	17	17	12	17	18	17	16	17	16	16	17	17	17	17	18	19	17	19	17
31	19	18	19	19	19	19	19	19	18	19	20	19	19	19	19	20	21	26	25	22	19	21	20	20	20
MEAN	23	23	21	21	21	23	24	24	23	22	21	21	21	19	20	20	20	20	20	21	21	21	21	23	21.3

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH - SEP 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	22	22	22	22	28	28	26	24	28	28	25	38	26	24	23	23	23	24	25	26	26	28	26	25
2	24	22	22	22	22	22	24	24	24	23	22	22	23	22	21	22	22	21	21	20	22	23	23	23	22
3	24	23	22	21	20	27	26	20	19	19	21	20	17	18	17	18	17	16	17	19	23	22	21	19	20
4	19	25	18	18	16	19	23	19	18	18	17	16	***	18	17	18	18	19	18	20	20	20	19	19	19
5	19	19	19	18	19	22	22	24	22	22	19	19	23	23	23	26	23	23	22	24	24	24	26	22	22
6	20	20	18	19	24	24	22	21	19	19	19	19	20	19	19	19	20	20	21	22	24	24	24	24	21
7	21	21	21	22	22	22	25	23	24	21	21	17	17	18	16	17	17	17	16	17	17	17	17	17	18
8	19	19	18	18	18	20	21	21	17	17	18	18	17	17	17	18	17	18	18	18	20	22	21	21	18
9	17	17	17	17	17	18	20	20	17	18	18	17	17	17	17	17	17	18	18	18	20	22	21	21	18
10	22	23	21	20	22	23	27	30	31	26	21	21	20	19	19	19	18	18	23	29	28	24	25	26	23
11	31	19	17	17	18	21	22	22	20	18	18	18	19	19	21	20	15	15	17	14	14	14	16	14	18
12	15	14	14	14	14	16	17	17	17	16	15	15	15	15	15	16	16	16	17	17	17	17	17	16	16
13	16	15	14	14	14	15	16	16	15	15	16	17	15	15	15	15	17	17	17	17	17	17	18	17	16
14	17	16	16	16	17	19	18	18	18	17	18	18	17	17	17	17	17	18	19	20	20	22	24	24	18
15	23	24	29	27	31	43	47	45	30	27	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
16	***	***	***	***	***	***	***	***	***	***	***	***	***	13	21	22	19	41	16	17	16	17	17	15	***
17	14	14	14	14	15	27	32	31	24	15	16	18	19	18	18	19	20	20	21	22	20	18	18	19	19
18	17	18	17	17	18	17	20	22	19	21	21	20	19	17	22	24	22	22	20	20	20	21	22	23	20
19	23	18	13	12	13	15	20	20	***	19	18	18	19	18	19	20	20	24	30	31	30	28	23	23	21
20	21	19	17	16	16	17	16	16	16	17	17	16	17	17	17	18	18	17	18	18	17	18	17	17	17
21	19	17	17	17	16	16	17	17	17	17	16	17	16	17	17	17	17	17	16	16	15	15	15	15	17
22	17	16	16	16	17	18	18	19	19	19	18	17	19	19	19	19	19	19	21	19	20	20	19	19	18
23	19	19	18	18	18	19	24	22	22	21	20	19	20	19	19	19	20	33	36	24	22	21	21	19	21
24	19	19	18	19	19	21	24	23	23	24	24	21	22	22	20	20	20	20	20	19	19	19	19	19	21
25	19	19	19	18	18	18	18	18	19	15	15	15	15	16	15	16	17	17	17	19	18	19	21	25	18
26	23	20	18	18	19	22	30	33	35	34	24	21	21	20	21	21	21	21	22	20	20	20	21	21	20
27	21	20	19	19	19	19	20	20	20	20	20	20	21	19	20	19	19	21	22	24	24	28	26	26	22
28	22	20	20	19	19	19	19	19	20	22	22	22	22	22	22	22	23	24	28	31	32	32	32	32	33
29	27	28	28	27	29	30	38	41	45	41	35	32	35	31	29	31	32	31	31	31	32	32	32	32	26
30	33	30	23	23	23	24	26	27	26	25	25	24	26	24	26	26	26	28	27	26	24	27	25	26	26
MEAN	21	20	19	19	19	21	23	23	22	21	20	19	20	19	20	20	20	21	21	21	21	21	21	21	20.6

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH - OCT 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	25	24	24	24	24	25	26	27	****	20	21	19	19	18	19	20	19	19	20	19	19	18	17	17	21
2	17	17	17	17	16	18	18	17	17	17	17	16	19	18	18	19	19	19	19	20	21	22	22	21	18
3	21	19	18	17	17	19	***	**	19	19	19	19	15	15	15	15	15	15	15	15	15	14	14	17	
4	15	15	16	16	20	19	20	18	18	24	22	21	22	21	21	22	21	22	24	21	32	34	45	69	24
5	36	30	38	38	31	30	32	30	28	28	24	25	25	24	24	24	24	25	27	30	24	19	17	17	27
6	16	15	15	15	15	16	18	19	17	15	15	15	16	16	16	16	16	17	19	19	17	18	19	18	17
7	24	18	17	16	16	17	19	22	23	19	17	17	18	19	21	21	23	23	29	28	29	35	32	30	22
8	26	22	24	24	26	41	36	49	46	36	24	24	23	22	21	21	20	20	19	18	18	19	19	19	26
9	21	20	21	22	19	19	21	21	20	21	21	22	24	26	25	24	22	22	22	24	24	26	26	23	22
10	23	22	21	22	22	23	23	22	22	22	22	22	23	23	23	24	25	24	22	22	22	21	21	19	22
11	21	21	21	22	19	19	21	20	20	21	20	20	20	20	20	20	20	20	20	19	19	19	19	19	20
12	20	20	21	19	21	21	21	22	22	21	20	20	21	22	22	22	22	22	22	24	22	30	34	37	23
13	30	24	21	22	23	23	24	24	24	22	23	22	22	22	22	22	21	22	22	22	22	20	21	21	23
14	28	27	24	24	24	29	30	28	27	26	24	23	25	25	26	27	28	28	31	28	32	38	48	28	28
15	22	22	21	21	21	22	23	22	21	21	21	20	22	22	23	24	24	24	25	24	22	22	21	22	22
16	21	21	20	20	20	21	22	22	22	19	19	19	19	19	20	20	19	20	20	19	21	24	28	28	21
17	26	24	22	21	20	20	24	25	24	20	19	18	19	19	19	20	20	19	21	20	20	20	20	19	21
18	19	18	18	19	19	19	20	19	19	19	19	19	19	19	19	19	19	19	19	19	19	20	20	20	19
19	20	19	19	19	19	19	20	19	19	20	22	23	24	22	22	24	23	22	22	22	22	22	22	21	22
20	21	21	21	20	20	22	23	23	24	22	22	22	22	22	23	24	24	24	23	22	22	22	22	21	22
21	22	22	21	21	21	22	23	23	23	***	***	***	***	24	25	26	25	26	30	27	29	32	31	26	25
22	26	26	25	26	26	26	30	30	30	29	28	26	26	26	28	35	32	30	31	31	36	37	36	33	30
23	34	34	32	33	34	45	58	68	59	51	40	23	23	22	23	24	23	29	32	32	37	43	58	65	38
24	61	76	47	31	22	34	46	53	49	44	43	22	22	22	22	24	28	29	35	35	35	27	20	19	35
25	19	18	18	17	17	17	18	19	19	18	19	18	20	19	19	20	20	20	20	19	20	20	20	20	19
26	22	21	20	19	20	20	22	22	22	21	20	20	20	21	20	20	20	21	23	22	21	22	24	29	21
27	32	38	39	42	43	41	43	58	50	38	33	24	24	26	29	27	28	27	28	26	26	28	30	43	34
28	46	47	45	33	32	37	34	41	45	34	27	26	26	25	24	25	25	24	24	24	24	24	25	26	17
29	26	26	24	23	23	23	25	24	24	***	14	13	13	13	13	13	13	13	13	13	13	13	12	12	14
30	13	13	13	12	12	12	12	13	13	13	13	13	15	13	13	15	15	16	16	16	15	17	17	21	14
31	20	21	22	22	22	28	36	48	28	23	18	18	19	18	18	19	24	24	25	29	27	17	17	18	23
MEAN	25	25	23	22	22	24	26	28	26	24	22	20	21	21	21	22	22	22	23	23	24	24	25	25	23.4



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION													
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON												MONTH - NOV 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	18	17	17	16	16	16	17	17	17	16	16	17	16	16	17	17	17	17	17	17	17	17	17	17
2	18	19	19	19	19	18	18	18	23	27	20	20	20	20	22	23	20	19	19	19	19	19	19	19	20
3	19	17	18	19	19	18	19	21	22	22	22	20	19	19	21	22	22	21	19	19	19	19	18	18	20
4	18	17	18	18	19	19	22	22	20	21	21	21	19	20	19	20	25	24	24	26	21	21	22	20	21
5	19	19	19	19	19	20	22	24	27	**	21	22	24	22	27	33	30	28	26	23	23	22	23	28	23
6	38	29	22	22	24	24	25	27	27	26	30	26	22	22	23	24	29	30	27	26	27	27	28	28	26
7	30	27	31	32	30	29	36	38	43	40	41	39	31	26	24	25	28	25	24	24	24	24	23	22	30
8	22	21	20	20	19	19	20	20	20	20	20	21	21	21	22	23	24	25	30	37	41	42	43	41	26
9	43	29	35	40	38	37	38	33	29	28	27	27	21	21	20	21	27	27	24	24	23	24	22	23	28
10	26	25	24	25	25	28	23	24	22	20	20	18	19	19	19	19	20	20	20	19	20	20	20	20	21
11	20	20	20	20	20	21	23	24	25	24	23	23	23	23	24	26	30	29	28	30	39	50	52	50	28
12	43	42	38	28	27	30	37	40	36	38	31	29	32	35	37	32	38	32	35	33	26	19	19	19	32
13	18	18	17	17	17	18	19	21	20	18	18	18	18	17	17	17	17	17	17	16	16	15	16	16	17
14	16	15	15	15	15	15	16	17	16	16	17	17	17	17	17	17	17	18	17	18	19	18	18	17	17
15	18	18	18	17	16	17	17	19	18	18	18	17	18	17	18	18	18	19	19	19	18	18	18	18	18
16	19	20	20	19	19	19	19	20	21	20	20	20	21	21	21	22	22	26	26	25	24	25	26	28	22
17	27	30	34	30	29	29	28	29	32	30	27	26	25	26	26	26	29	27	28	27	26	26	27	27	28
18	28	28	28	28	28	28	30	31	32	32	31	31	31	30	31	33	36	35	32	34	39	40	41	45	33
19	41	39	40	39	41	42	47	50	50	27	24	22	****	****	****	****	****	****	****	****	****	****	****	****	****
20	25	28	30	74	80	64	71	58	43	44	37	31	33	30	30	30	28	25	25	33	37	37	30	31	40
21	25	29	18	15	14	14	15	18	18	17	17	16	17	17	17	17	18	19	17	18	17	16	17	17	18
22	17	16	15	15	15	16	16	16	17	17	17	17	18	18	19	19	19	19	19	19	19	19	19	19	17
23	19	19	19	19	19	19	19	19	19	20	20	19	20	19	20	20	20	19	19	21	22	28	26	24	20
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25	23	21	19	19	19	19	19	19	19	19	20	21	20	19	19	20	22	22	21	22	23	24	25	24	21
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27	19	18	18	18	19	19	27	28	19	17	17	18	19	18	19	20	21	20	19	19	19	20	19	20	24
28	20	19	19	19	19	20	21	21	22	23	23	24	22	23	27	28	25	26	29	31	29	30	34	24	26
29	36	37	30	25	23	23	22	23	26	25	23	23	23	23	23	24	25	26	28	29	34	27	22	22	26
30	21	19	18	18	17	17	17	17	17	17	18	18	18	18	17	17	17	17	18	17	17	17	17	17	18
MEAN	24	23	23	24	24	23	25	26	25	24	23	23	22	22	22	23	24	23	23	24	24	24	24	24	23.7

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION												
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON													MONTH - DEC 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	17	17	17	16	16	17	17	17	18	17	17	18	18	18	19	20	19	18	19	18	19	19	18	18
2	19	19	19	18	20	19	21	24	24	23	27	27	25	22	23	23	25	24	23	23	24	23	21	19	22
3	20	19	19	19	21	20	20	21	22	22	21	20	20	21	21	22	24	24	24	24	24	26	26	26	27
4	24	23	24	24	22	24	24	27	29	28	26	26	28	26	28	30	33	30	26	28	29	30	32	33	27
5	33	34	47	46	42	43	45	68	64	58	44	25	25	24	22	24	24	22	22	22	20	20	20	19	34
6	20	19	19	19	18	19	19	18	18	20	18	18	19	19	19	19	19	19	19	19	19	19	19	19	19
7	21	20	20	20	***	***	***	***	***	***	***	***	***	18	16	15	13	14	15	14	13	14	13	13	***
8	15	14	13	13	14	14	15	17	17	16	18	18	15	15	15	15	18	15	15	15	14	14	13	13	***
9	17	15	15	15	15	15	19	18	18	17	19	19	19	19	21	24	28	22	26	23	22	26	27	16	15
10	17	18	15	14	14	13	14	14	14	13	13	13	13	13	13	14	15	14	15	14	13	13	13	12	14
11	13	13	13	13	13	14	18	18	17	16	15	14	14	14	15	15	15	16	18	15	18	22	20	18	16
12	18	17	17	17	14	15	17	17	16	19	19	19	19	19	19	19	19	18	18	18	18	19	20	18	18
13	19	19	19	19	19	19	19	22	21	21	24	25	28	27	29	32	35	37	39	36	45	44	24	23	27
14	24	23	22	21	19	19	19	19	19	20	19	19	20	20	19	19	19	20	20	19	19	19	18	18	20
15	18	17	17	17	17	17	19	18	20	21	20	19	20	19	19	19	20	20	20	20	19	18	17	17	19
16	19	18	18	17	17	17	20	22	20	20	19	21	24	22	22	24	28	26	27	24	22	21	30	28	22
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19	19	18	19	19	19	19	20	21	22	21	21	22	22	22	23	24	24	25	26	25	25	23	26	24	22
20	24	22	22	22	19	19	20	20	20	20	32	26	24	25	26	24	23	24	26	25	25	24	25	25	23
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22	33	27	29	27	30	32	34	35	33	33	33	30	30	30	33	31	31	33	33	33	32	29	30	32	31
23	34	31	26	30	29	30	30	33	32	28	24	30	30	27	29	26	28	26	22	26	25	35	31	32	29
24	32	34	34	37	37	37	44	47	49	45	38	38	38	39	39	38	38	38	36	36	37	37	27	38	38
25	35	37	37	37	35	35	35	37	37	37	37	38	39	36	32	30	31	39	42	40	38	39	40	41	37
26	41	33	34	35	34	33	32	32	32	34	33	32	32	32	32	32	32	32	34	32	31	28	32	33	33
27	39	33	34	33	33	32	32	32	30	27	25	26	32	31	32	34	33	27	31	32	36	35	37	38	32
28	42	32	37	37	38	37	34	32	31	34	37	34	32	32	35	36	36	38	36	32	29	30	30	38	35
29	41	37	38	37	32	37	36	45	54	54	50	41	29	28	30	32	38	36	37	36	37	36	31	31	38
30	33	31	31	32	28	32	34	39	47	***	24	23	24	20	22	22	22	19	22	17	18	19	20	19	26
31	18	19	18	17	19	18	19	22	20	23	22	20	22	20	20	20	20	21	20	21	20	20	19	18	20
MEAN	25	23	24	24	23	24	25	27	27	26	25	24	24	23	24	24	25	25	25	24	24	25	24	24	24



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	20.9	27	43
FEB	28	17.9	23	38
MAR	31	19.9	26	39
APR	30	20.0	27	43
MAY	31	25.6	37	69
JUN	30	25.8	40	52
JUL	31	19.1	24	39
AUG	24	21.3	29	59
SEP	28	20.6	33	47
OCT	31	23.4	38	76
NOV	29	23.7	40	80
DEC	30	24.5	38	68
YEAR	354	21.9	40	80

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141 - 200	201 & OVER	TOTAL
JAN	3	306	409	20	0	0	0	0	738
FEB	0	498	169	2	0	0	0	0	669
MAR	0	428	306	10	0	0	0	0	744
APR	0	368	338	10	0	0	0	0	716
MAY	0	127	490	119	2	0	0	0	738
JUN	0	106	478	134	0	0	0	0	718
JUL	0	391	337	8	0	0	0	0	736
AUG	0	251	314	28	0	0	0	0	593
SEP	0	351	306	34	0	0	0	0	691
OCT	0	217	433	81	5	0	0	0	736
NOV	0	268	345	90	4	0	0	0	707
DEC	0	280	269	183	2	0	0	0	734
YEAR	3	3591	4194	719	13	0	0	0	8520

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT  
OF DATA  
VALID

MIN

10 30

FREQUENCY DISTRIBUTION, PERCENT

50 70 90

PERCENT

95 98 99

MAX

ARITH  
MEAN

97.3 10 15.3 18.1 19.9 22.9 29.2 33.7 39.0 43.3

80

21.9



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION												
	STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO												MONTH - JAN 75												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	19	21	19	21	21	19	20	19	19	18	18	18	18	16	15	14	14	14	14	14	13	14	14	17
2	13	14	14	14	14	14	14	16	18	17	17	17	16	16	17	16	17	18	18	19	18	17	17	15	16
3	15	15	15	16	15	15	14	16	16	14	14	16	16	16	16	16	16	16	16	15	15	16	16	16	15
4	16	15	15	15	14	14	14	15	15	15	15	15	15	15	15	15	16	16	16	16	17	17	18	16	15
5	18	19	17	18	18	19	19	21	19	17	17	17	16	16	15	16	16	16	16	16	15	15	15	15	17
6	16	16	16	16	16	16	16	17	19	18	17	17	18	17	17	17	18	18	15	16	15	15	15	15	16
7	14	16	15	16	16	15	17	20	20	18	18	17	18	17	17	17	17	19	19	18	17	17	23	17	17
8	21	19	20	18	17	17	17	18	19	18	21	20	21	21	20	22	20	20	18	18	17	19	21	17	17
9	22	21	17	17	17	17	16	17	17	17	16	16	15	15	15	16	16	17	17	18	17	17	16	17	17
10	16	14	14	14	15	15	16	17	17	18	17	18	19	19	18	18	19	18	18	18	17	17	17	18	17
11	20	18	15	15	15	14	14	14	14	14	14	14	14	14	15	15	15	14	14	15	15	15	14	15	15
12	14	14	14	14	14	14	14	14	14	14	14	14	15	15	15	15	15	15	15	15	15	16	15	15	15
13	15	15	15	15	15	15	15	16	16	16	15	16	16	16	16	16	16	16	16	16	16	16	16	16	16
14	16	17	17	17	17	17	17	19	18	19	19	18	18	18	19	18	18	18	18	19	18	17	17	17	16
15	17	16	15	15	15	15	16	16	17	17	16	16	16	17	0.000	16	16	17	17	16	16	16	16	16	16
16	15	16	16	15	15	15	16	17	18	18	17	16	16	15	15	15	16	17	16	16	17	16	16	16	16
17	17	16	17	17	17	17	17	18	18	17	16	16	15	15	15	16	17	16	16	16	17	16	16	16	16
18	16	16	16	16	16	15	15	15	15	14	14	15	15	15	16	16	16	16	16	16	16	16	16	16	16
19	16	16	16	15	15	14	14	15	15	15	15	15	15	15	15	15	15	15	15	15	15	16	16	16	15
20	16	15	15	15	15	15	16	16	20	0.000	17	16	15	14	15	15	15	14	14	13	13	13	13	13	13
21	12	12	12	12	12	12	12	12	13	13	13	14	15	16	15	15	14	13	13	13	12	12	12	13	13
22	13	13	12	11	11	11	11	12	12	12	12	12	13	13	14	15	15	16	17	14	16	17	17	17	14
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24	13	13	13	13	14	14	14	15	16	18	21	18	17	15	15	14	15	15	15	17	13	11	12	11	11
25	16	15	15	15	15	16	15	14	14	15	15	15	15	15	15	15	15	15	15	17	13	17	16	17	16
26	11	11	11	11	11	11	11	11	11	11	11	10	10	10	10	10	11	10	10	10	10	10	11	11	11
27	12	12	12	12	12	12	13	14	16	14	12	12	12	12	13	14	13	12	12	12	12	13	13	13	13
28	14	14	14	14	14	14	16	16	19	20	17	16	15	14	14	15	15	15	14	14	14	14	14	14	15
29	13	12	12	12	11	11	12	13	14	14	15	0.000	20	20	17	15	15	15	14	14	14	14	14	14	14
30	14	14	14	14	14	14	15	16	16	17	16	15	15	16	15	16	17	17	17	18	19	20	18	18	16
31	22	21	19	19	19	19	15	22	22	21	19	16	15	15	15	16	16	17	16	16	16	16	17	17	18
MEAN	16	15	15	15	15	15	15	16	17	17	16	16	16	16	16	16	16	16	16	16	15	15	15	15	15

NOTES 1 \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2 - INDICATES DATA IS UNAVAILABLE  
3 \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION												
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO													MONTH - FEB 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	16	15	15	15	15	15	15	16	16	16	16	16	16	16	16	16	16	16	16	17	16	15	16	16
2	16	16	16	16	17	17	16	16	17	17	16	15	15	15	15	15	15	15	16	16	17	17	17	17	16
3	17	17	16	16	15	15	15	17	17	16	16	15	15	15	15	15	16	16	16	16	16	16	16	16	16
4	16	16	16	16	16	16	16	15	19	20	19	16	16	15	16	16	17	17	16	16	16	16	16	16	16
5	17	18	19	21	21	21	22	26	29	28	24	20	19	17	17	18	19	19	19	19	19	19	18	16	16
6	18	18	17	16	16	16	17	17	19	22	21	21	22	22	21	18	17	18	18	19	19	19	19	19	19
7	20	20	18	18	18	18	18	18	18	18	19	18	18	18	18	18	18	18	19	19	19	20	20	21	19
8	20	19	19	18	19	18	19	19	19	18	18	18	17	17	17	17	17	17	17	17	17	17	17	17	18
9	17	17	18	18	17	17	18	18	18	18	19	20	20	19	19	20	19	18	18	18	18	18	18	18	18
10	18	17	17	17	17	17	18	20	19	20	20	20	19	20	21	21	22	22	22	21	21	21	21	21	20
11	22	24	24	24	23	22	22	23	26	25	25	24	23	22	22	21	20	20	21	21	19	20	19	18	22
12	19	19	19	18	19	18	17	19	20	19	18	18	18	17	17	18	19	20	21	21	21	20	19	19	19
13	18	17	16	16	16	16	17	19	20	18	17	18	18	18	17	17	17	18	18	17	18	19	19	19	18
14	19	20	20	19	20	20	20	21	21	20	19	19	19	19	18	19	19	19	19	19	19	19	19	19	18
15	21	21	21	20	22	22	23	24	23	23	23	23	23	23	23	22	22	22	22	22	22	22	24	22	22
16	25	25	26	25	22	24	23	24	23	23	24	24	24	24	24	23	23	24	24	25	26	26	26	27	25
17	27	27	29	29	29	27	24	25	24	24	23	23	22	23	20	20	20	19	18	18	19	19	20	20	23
18	19	19	19	19	20	20	19	20	21	20	19	18	18	18	18	17	17	17	16	16	17	17	19	18	18
19	17	17	17	16	16	16	16	16	17	16	15	14	13	13	13	14	14	15	14	13	13	14	14	14	15
20	15	15	13	13	13	13	14	15	17	16	16	16	15	15	14	14	14	15	14	15	15	15	16	16	15
21	15	16	15	15	15	16	18	19	19	19	18	16	17	17	17	17	18	18	19	20	21	19	19	20	18
22	19	18	19	20	21	21	20	22	22	23	20	17	18	18	19	19	19	20	21	21	19	19	19	20	20
23	29	23	20	21	20	19	21	20	19	17	17	17	17	17	17	18	19	19	18	17	17	16	16	16	19
24	16	16	16	15	15	15	15	17	17	17	***	***	17	17	16	16	16	19	17	17	18	16	17	16	16
25	16	15	16	16	16	16	15	16	17	17	16	15	15	15	15	14	15	14	15	15	14	13	15	16	16
26	12	12	12	12	12	12	12	12	12	13	12	11	11	11	11	11	11	11	11	11	11	11	12	12	12
27	11	11	12	12	12	12	12	12	12	12	12	12	12	12	12	***	***	14	15	15	17	17	19	19	14
28	19	19	18	19	19	19	18	19	18	18	17	17	17	17	17	18	18	18	19	18	18	17	16	16	18
MEAN	18	18	18	18	18	18	18	19	19	19	19	18	18	18	18	18	18	18	18	18	18	18	18	18	18

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION												
	STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO												MONTH - MAR 75												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	16	17	17	17	17	17	17	16
2	18	17	16	16	17	17	17	17	17	18	17	17	17	17	17	17	17	16	16	16	16	17	17	17	17
3	17	17	17	17	17	17	17	18	18	17	17	16	15	15	14	14	13	13	12	12	12	12	12	13	15
4	13	12	12	12	12	12	13	15	15	15	13	12	12	12	12	13	13	12	13	13	13	13	14	14	14
5	14	14	13	14	14	14	14	16	16	15	14	14	14	14	13	15	15	15	14	14	14	14	15	14	16
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7	15	15	15	16	16	16	17	18	19	20	18	14	14	15	17	15	15	14	14	13	13	13	13	13	15
8	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13	13	13	13	15	14	16
9	14	14	15	15	16	16	16	16	16	15	14	13	13	12	12	13	13	13	13	14	14	15	15	15	16
10	15	15	15	16	16	16	15	16	19	20	15	16	15	16	15	15	14	14	14	14	14	17	16	15	16
11	14	14	14	13	13	14	15	16	18	18	17	***	15	15	15	15	15	16	15	15	15	15	15	15	15
12	15	16	14	14	14	14	15	15	17	22	20	21	20	16	17	17	18	19	18	17	16	16	16	15	17
13	15	15	15	14	14	14	15	15	14	14	14	14	15	15	15	15	15	15	15	15	15	15	15	15	15
14	15	15	15	15	15	14	14	13	14	14	14	13	***	**	15	15	15	17	18	16	15	15	15	15	15
15	15	15	14	14	15	15	15	16	16	16	16	15	16	15	15	15	15	16	16	16	16	16	17	17	16
16	17	17	17	16	17	16	17	17	17	17	17	17	17	18	18	18	18	19	21	21	20	22	22	20	18
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18	17	16	16	16	16	17	17	18	18	18	20	21	18	17	17	19	20	21	23	22	22	20	19	19	19
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20	15	15	15	15	15	15	17	19	17	16	16	16	16	16	***	12	12	12	12	12	12	12	12	12	14
21	12	12	12	12	12	12	11	12	13	***	16	15	15	14	14	14	14	14	13	13	13	13	13	13	13
22	13	12	12	12	12	12	12	12	12	12	13	13	13	14	14	16	16	12	12	12	12	12	12	12	13
23	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13	13	14	14	14	12
24	13	13	13	12	12	12	12	12	12	12	12	13	13	13	13	13	14	14	14	16	14	14	14	16	13
25	16	17	16	15	15	15	15	17	17	15	14	14	14	14	14	13	13	13	14	13	13	13	13	13	14
26	13	13	12	12	12	12	12	13	13	13	13	***	12	11	11	11	11	12	11	11	11	11	12	12	12
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28	12	12	12	12	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
29	11	11	10	10	10	11	11	11	11	14	14	12	12	12	12	11	11	11	11	11	11	11	11	11	11
30	10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
31	11	11	11	11	11	11	11	12	12	12	12	12	11	11	11	12	12	12	12	12	14	15	15	14	12
MEAN	14	14	14	14	14	14	14	15	15	15	15	14	14	14	14	14	14	14	14	14	14	15	14	14	14.3

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION												
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO													MONTH - APR 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	13	13	13	13	12	12	13	13	13	13	13	13	13	13	13	13	12	12	12	12	12	12	12	13
2	11	11	11	11	11	11	11	11	11	12	13	12	13	13	14	13	13	13	13	13	13	12	12	11	12
3	10	9	9	9	9	9	10	11	11	11	10	10	10	10	10	10	11	11	10	10	10	10	10	10	10
4	9	9	9	9	10	10	10	10	10	10	10	10	10	10	10	10	11	11	11	11	11	11	11	11	11
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7	12	12	11	11	11	12	12	13	13	13	12	11	11	11	11	11	11	11	11	11	12	12	12	12	11
8	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	12	12	13	13	11
9	10	9	9	9	9	9	10	10	11	11	11	10	11	11	11	11	11	11	12	12	15	15	16	16	14
10	11	11	11	11	11	11	12	15	15	15	15	15	13	14	15	15	15	15	15	15	15	15	15	15	15
11	15	15	15	15	15	15	16	17	16	16	17	17	15	15	15	15	18	19	19	21	20	21	21	21	17
12	21	21	21	21	21	22	23	22	22	22	22	22	21	21	21	21	21	21	22	23	23	23	22	24	22
13	23	22	22	22	21	21	22	22	22	22	22	22	22	22	22	22	23	23	24	25	26	27	29	30	29
14	23	22	22	22	21	21	22	22	22	22	22	22	22	22	22	22	23	24	25	26	27	29	30	29	24
15	25	25	25	24	22	23	23	24	24	24	22	24	23	23	24	24	26	28	31	29	25	25	27	26	25
16	25	24	24	23	24	26	26	28	30	28	29	26	26	26	25	29	29	29	31	31	32	33	34	36	28
17	38	34	31	29	29	29	31	33	33	28	28	28	28	28	28	28	29	30	28	30	26	25	24	25	29
18	25	24	24	24	22	19	21	24	27	31	32	34	33	46	46	39	30	26	18	19	19	16	17	17	26
19	13	10	10	10	11	10	10	10	10	10	10	10	11	11	11	11	11	11	11	11	11	11	11	11	11
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21	14	14	14	14	14	14	14	15	15	14	14	14	14	14	14	15	15	15	15	15	15	15	15	15	15
22	16	17	15	17	17	17	17	17	17	16	16	14	15	15	15	14	14	15	15	15	15	16	17	17	18
23	21	27	26	20	19	18	18	16	15	14	15	15	14	14	14	13	13	13	14	16	13	11	13	13	16
24	12	12	12	12	12	12	13	13	15	14	26	21	16	14	15	15	15	15	15	14	14	14	14	14	15
25	14	14	13	13	13	13	13	14	14	15	17	17	16	16	16	16	17	17	15	15	16	15	15	15	15
26	15	15	14	14	14	14	14	14	13	13	13	13	13	14	13	13	13	13	13	13	14	14	14	14	14
27	15	16	16	16	16	16	15	14	14	13	13	13	13	14	14	13	13	13	13	13	14	14	14	14	14
28	14	14	14	14	14	15	18	17	16	15	16	16	16	17	16	15	15	15	16	16	17	19	18	14	15
29	16	16	16	16	16	16	21	18	18	16	14	14	14	14	14	14	14	14	13	14	14	14	14	14	15
30	14	15	15	14	14	14	14	15	15	14	14	14	14	14	13	13	13	13	13	13	13	13	13	13	14
MEAN	16	16	15	15	15	15	15	16	16	16	16	16	16	16	15	16	16	16	16	16	16	16	17	17	15.8

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS														UNITS - 0.1 PARTS/MILLION												
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO														MONTH - MAY 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	13	13	13	13	13	14	17	19	23	22	21	24	25	23	24	25	22	21	21	18	21	19	19	19	19	
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4	16	15	15	15	14	14	15	15	14	14	14	14	14	14	14	14	14	15	16	19	16	16	16	15	15	
5	16	15	15	15	15	16	16	18	19	19	18	18	18	17	18	19	18	17	17	17	17	19	20	19	17	
6	21	21	22	23	22	19	16	15	15	15	15	15	16	16	16	16	16	19	18	19	22	23	28	24	19	
7	21	19	19	18	17	16	18	19	19	16	16	17	15	16	17	17	17	18	18	21	22	25	22	18	18	
8	19	18	17	16	17	18	23	20	20	22	21	20	18	17	17	19	20	17	19	21	22	27	28	24	20	
9	24	20	20	24	28	25	21	21	24	23	22	21	22	18	18	17	16	15	16	17	17	18	18	18	20	
10	18	17	17	16	17	17	17	18	23	20	18	17	17	16	15	15	15	15	16	18	19	41	54	52	21	
11	51	44	35	26	25	49	38	21	17	16	15	15	15	15	14	14	14	14	14	15	17	20	20	19	23	
12	21	19	21	22	31	25	24	23	16	***	19	18	17	18	18	20	22	22	19	20	22	31	31	24	22	
13	18	17	17	17	17	17	19	20	20	19	19	18	18	19	19	19	19	19	18	19	19	19	20	20	19	
14	20	19	19	29	32	34	33	29	29	28	***	20	19	19	19	19	18	19	18	20	21	23	27	27	22	
15	20	22	28	31	32	33	28	24	25	26	24	23	25	27	34	32	24	24	26	29	30	26	24	22	27	
16	23	21	18	18	18	18	18	18	18	19	20	20	21	21	21	21	21	21	22	22	22	23	23	24	20	
17	23	25	22	22	22	22	21	23	20	20	20	21	21	19	16	17	18	18	18	18	18	19	21	23	20	
18	27	34	36	41	54	55	56	35	24	23	21	20	20	20	19	19	19	19	19	21	24	26	28	25	22	
19	32	37	42	36	35	36	57	35	23	22	22	21	24	24	22	21	21	20	20	23	35	35	37	32	30	
20	22	19	19	25	23	22	22	24	26	***	22	19	19	19	19	18	17	18	18	19	20	20	19	20	20	
21	24	26	24	23	24	24	26	32	31	25	24	22	22	21	23	23	20	19	19	20	26	21	21	21	23	
22	20	21	24	21	21	23	27	22	29	32	37	33	23	20	26	26	24	28	22	25	27	29	30	26	26	
23	30	36	39	33	29	28	24	29	36	32	29	23	21	20	20	19	20	19	20	22	21	23	31	36	27	
24	35	29	26	25	22	22	25	26	22	25	21	19	19	20	21	20	18	18	18	19	25	38	26	21	23	
25	20	21	20	20	18	17	16	16	16	16	15	16	16	17	17	16	17	18	18	19	22	21	23	18	18	
26	23	26	22	21	20	19	21	23	23	21	18	17	18	19	19	19	22	22	22	26	25	24	24	25	22	
27	29	28	27	22	19	19	18	18	19	18	18	17	16	16	16	15	15	17	18	20	19	19	19	19	19	
28	19	18	18	18	18	19	19	21	22	22	21	18	17	17	17	18	18	18	19	21	23	23	24	29	20	
29	36	35	34	38	38	42	38	27	25	23	21	18	***	18	17	17	17	17	18	17	17	17	16	17	24	
30	17	17	18	20	21	26	34	39	36	28	24	22	22	23	25	26	35	24	22	22	30	35	32	24	26	
31	21	18	16	15	16	19	22	23	21	20	19	18	17	17	16	16	18	20	20	21	21	21	21	21	19	
MEAN	23	23	23	23	23	24	25	23	22	22	21	19	19	19	19	19	19	19	19	19	20	22	24	24	23	21.5

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION												
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO													MONTH - JUN 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	19	20	20	20	20	20	19	18	18	18	18	18	18	18	18	18	18	16	16	16	17	17	17	18
2	19	18	18	18	18	18	19	23	22	21	19	17	17	17	17	18	18	18	19	19	19	19	19	18	19
3	18	18	19	18	18	19	22	23	22	19	17	16	17	17	18	19	18	18	18	21	23	28	29	23	20
4	25	26	25	28	35	36	29	28	26	26	21	19	18	18	20	19	18	18	19	19	20	21	20	23	23
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6	25	23	23	23	25	32	30	26	***	21	18	18	17	17	18	18	18	17	17	17	18	18	17	17	21
7	18	18	19	18	18	18	17	17	17	17	17	18	17	17	18	18	17	17	17	17	17	17	17	17	23
8	18	17	17	17	18	18	18	18	18	18	18	18	17	16	17	17	17	17	18	19	19	19	19	18	18
9	19	19	19	20	20	20	21	24	26	24	19	19	20	19	21	21	21	19	18	19	19	19	18	20	20
10	22	22	24	24	26	26	26	30	27	23	22	19	19	20	20	20	20	18	19	20	21	20	20	21	22
11	21	20	20	21	23	24	28	23	21	20	20	20	20	20	20	21	21	22	27	30	22	20	20	20	22
12	21	21	23	25	27	32	35	34	28	24	22	21	18	18	***	19	19	19	19	20	19	19	19	20	23
13	18	18	18	18	19	19	20	22	22	21	20	21	20	21	21	20	18	18	19	20	22	25	26	26	21
14	26	30	33	23	24	28	26	21	19	20	20	20	19	18	18	17	17	17	18	19	21	22	23	25	22
15	32	30	28	27	30	25	22	21	26	27	23	***	32	26	22	21	21	21	21	21	21	21	21	21	24
16	20	20	20	20	20	19	18	16	18	16	18	***	24	24	23	21	21	20	19	18	19	19	18	19	20
17	18	21	22	17	17	22	26	23	27	26	25	24	23	23	***	22	22	19	19	19	21	24	22	17	22
18	17	16	17	17	16	17	19	24	23	21	21	22	21	16	16	16	16	16	16	17	18	20	24	22	19
19	26	23	32	30	27	25	25	29	23	25	29	20	18	18	17	17	17	17	17	18	19	18	19	18	22
20	18	18	18	18	18	18	19	20	21	***	17	17	18	18	18	18	16	16	18	19	20	25	25	21	19
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23	22	20	20	20	19	19	24	27	23	21	21	20	20	21	22	21	21	19	20	21	24	24	21	22	21
24	21	20	20	19	18	19	20	22	21	20	19	18	18	18	19	19	18	18							
25	19	19	19	19	19	19	19	20	19	18	17	17	17	18	18	19	18	18	18	18	19	19	19	19	19
26	22	21	20	20	20	22	22	20	19	18	18	18	17	17	18	18	17	17	18	18	19	21	22	19	19
27	17	17	18	22	21	21	24	22	21	19	18	***	***	17	17	18	18	18	18	19	21	22	19	18	19
28	20	21	23	24	22	22	21	20	24	21	20	19	19	17	17	16	16	17	17	18	19	20	22	19	19
29	21	20	18	18	18	18	18	17	16	16	16	17	16	17	17	17	16	17	18	22	26	26	25	25	21
30	17	17	16	17	17	18	18	17	16	15	15	***	***	***	***	***	***	***	***	***	***	***	***	***	***
MEAN	21	21	21	21	21	22	22	22	22	21	20	19	19	19	19	19	19	19	19	20	21	21	21	21	20



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS											UNITS - 0.1 PARTS/MILLION													
	STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO											MONTH - JUL 75													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	****	18	18	17	17	17	17	19	20	18	18	21	21	****
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3	18	16	17	17	20	22	21	23	20	18	17	18	20	18	17	18	18	18	16	18	19	18	18	19	19
4	18	17	17	16	15	16	16	17	17	18	****	16	15	15	16	16	16	15	15	15	16	17	18	16	16
5	19	16	17	17	17	16	16	17	17	17	18	17	16	15	15	15	15	15	15	16	16	16	18	19	18
6	24	20	22	22	21	22	24	22	21	17	16	15	16	16	15	15	15	16	16	16	17	17	16	15	18
7	16	17	17	17	21	22	28	24	19	19	18	17	16	15	16	17	15	16	17	24	19	18	21	24	19
8	24	26	24	21	20	21	23	23	24	22	21	19	18	16	16	16	16	15	14	15	16	16	15	15	19
9	14	14	14	14	14	14	17	16	16	15	15	14	16	16	16	15	15	14	15	15	15	18	19	17	19
10	17	16	15	15	15	16	18	21	20	19	18	18	18	17	18	20	24	18	16	18	21	22	21	18	18
11	17	16	16	15	15	17	19	17	16	16	17	16	16	16	16	16	16	15	16	15	16	18	20	23	17
12	24	25	22	21	22	22	23	23	21	19	17	17	16	17	17	17	16	16	16	16	18	20	20	20	19
13	21	21	20	20	19	19	19	18	17	18	18	18	18	18	18	17	17	17	17	17	18	19	18	17	18
14	16	17	16	17	22	17	18	19	19	20	19	18	18	17	17	17	18	18	17	17	18	18	20	19	18
15	18	19	20	20	19	19	28	26	24	21	20	19	18	18	17	18	18	18	18	18	19	19	22	24	23
16	22	25	24	23	22	24	34	34	28	24	23	22	21	20	19	19	19	19	20	20	23	23	23	23	23
17	25	26	25	24	22	24	30	29	26	25	24	22	21	20	19	19	19	19	20	20	22	22	20	20	23
18	30	25	24	29	29	27	31	29	30	25	22	****	18	18	17	17	17	17	17	17	21	22	19	19	18
19	18	18	17	18	18	18	18	18	17	16	16	17	17	18	18	18	17	17	18	19	20	22	20	20	23
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23	25	26	32	31	24	26	27	****	21	17	20	20	19	19	20	21	20	17	17	23	23	25	25	25	23
24	26	27	25	25	26	30	25	23	18	20	21	20	20	****	16	16	16	16	17	17	18	21	20	19	21
25	18	17	17	17	17	17	18	18	17	17	17	16	16	16	16	16	16	16	16	17	17	17	17	17	17
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27	24	21	21	21	22	21	21	22	30	24	21	20	19	19	19	19	19	20	22	22	22	20	19	19	21
28	22	22	21	21	20	21	21	20	19	18	17	17	16	16	16	16	16	16	16	17	17	20	20	20	19
29	20	20	20	21	20	19	35	35	35	29	21	19	21	20	18	18	17	17	18	18	19	21	25	22	22
30	22	22	24	22	21	23	29	35	30	25	24	20	****	20	20	20	19	19	20	22	23	26	27	26	23
31	27	25	24	23	23	25	29	38	36	28	27	24	23	23	23	23	23	22	23	25	27	49	48	60	29
MEAN	21	20	20	20	20	21	24	24	22	20	20	18	18	18	18	18	18	17	18	19	19	20	21	21	19.7

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS											UNITS - 0.1 PARTS/MILLION													
	STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO											MONTH - AUG 75													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	31	28	25	39	35	38	30	39	38	30	24	23	22	21	23	20	21	22	22	23	24	29	39	26	28
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3	25	31	23	21	19	21	22	20	22	25	22	22	22	23	24	23	21	22	23	23	21	23	23	25	23
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5	24	23	24	23	22	22	23	24	23	***	20	20	20	19	19	20	20	20	21	20	21	21	21	20	21
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7	20	21	20	21	20	24	30	26	24	23	22	20	22	21	20	20	19	19	20	22	23	26	32	35	23
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9	24	23	25	23	22	23	23	25	25	23	21	21	21	20	21	21	21	22	23	23	23	24	24	25	23
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14	20	19	19	19	20	22	29	25	31	23	37	23	21	22	21	22	22	22	23	23	24	24	25	23	23
15	23	21	22	22	23	27	35	38	**	***	***	***	23	25	26	25	22	19	17	17	17	17	20	20	23
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17	23	24	26	26	27	26	27	29	23	21	19	18	16	16	16	16	15	14	15	15	16	16	16	15	20
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19	16	16	16	18	17	18	19	19	18	15	14	14	14	14	14	14	15	16	16	16	16	17	17	17	16
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23	22	25	26	25	24	22	21	18	16	15	14	15	15	14	14	16	17	17	20	20	19	18	19	19	21
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29	22	22	22	21	19	19	19	19	18	18	18	18	19	19	19	20	21	21	20	19	19	20	19	17	20
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31	17	16	16	16	15	15	15	16	16	15	14	14	15	15	15	15	15	15	15	16	16	15	14	15	15
MEAN	22	22	22	22	22	23	23	25	25	22	21	20	19	19	19	19	19	19	19	19	20	21	22	21	21



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION													
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO													MONTH - SEP 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	16	17	16	15	16	16	16	17	15	16	17	18	18	19	19	19	19	20	20	22	26	26	18	17	18	
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3	19	18	21	19	18	17	18	18	***	15	16	16	17	16	16	16	16	15	15	15	16	16	19	20	17	
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24	13	13	13	13	13	13	14	14	15	15	14	14	14	14	14	15	14	14	14	17	15	15	14	13	14	
25	13	13	13	13	13	13	13	14	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	15	
26	16	16	16	17	17	18	21	25	24	22	22	24	23	22	20	20	21	21	18	18	19	18	18	17	20	
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29	19	19	24	21	19	19	22	36	***	32	29	24	21	25	19	20	22	19	16	16	16	15	15	14	21	
30	15	16	15	16	15	14	16	18	21	19	16	14	14	14	14	14	15	14	14	14	15	18	18	15	16	
MEAN	17	17	17	17	17	18	20	20	18	18	17	16	16	16	15	16	16	16	16	16	17	17	16	16	16	8

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION													
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO													MONTH - OCT 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	15	14	14	15	16	18	18	19	21	***	25	17	18	19	18	19	19	18	19	19	19	17	17	17	18	
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3	18	18	18	18	18	19	20	20	19	19	18	17	17	***	14	15	14	14	15	15	16	15	15	15	17	
4	15	15	17	17	17	18	19	19	20	23	26	19	16	16	14	14	13	14	16	17	17	18	19	19	17	
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12	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	15	15	14	15	16	19	19	15	
13	19	20	18	17	18	21	20	15	15	17	16	14	14	15	16	15	16	18	20	21	20	27	22	18	18	
14	17	16	16	15	16	16	17	19	18	17	18	16	16	16	17	17	17	16	19	19	20	25	25	28	18	
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19	14	14	14	14	13	14	14	14	14	14	14	14	14	15	15	15	15	16	16	16	16	16	17	16	15	
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24	25	25	30	28	27	29	30	35	***	26	24	24	21	18	19	18	16	17	20	18	20	15	13	12	22	
25	11	11	12	20	27	20	13	12	13	12	12	11	11	11	11	11	11	11	12	14	13	13	14	14	13	
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27	14	12	20	23	23	21	23	30	28	28	***	16	12	13	13	12	14	17	17	15	13	14	18	22	18	
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29	15	14	12	12	12	12	12	13	13	12	12	***	13	14	14	15	15	15	15	15	15	15	15	15	14	
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31	21	23	18	19	21	23	26	27	28	18	15	***	14	16	16	17	19	17	15	16	17	15	15	14	19	
MEAN	17	16	16	16	17	18	18	20	18	18	18	16	16	16	16	16	16	16	17	16	16	16	17	17	16	16



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION												
	STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO													MONTH - NOV 75												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
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4	17	16	15	15	16	16	17	18	17	16	15	15	15	15	15	15	16	16	17	17	17	19	18	16		
5	18	18	17	17	18	20	17	18	20	19	18	17	19	18	17	17	18	33	22	20	18	17	20	19		
6	23	20	17	17	22	21	18	19	20	22	31	***	26	23	22	23	26	31	37	24	24	27	38	46		
7	38	31	30	43	33	25	24	29	34	34	36	32	30	25	28	22	23	20	17	17	18	17	18	27		
8	19	18	17	16	16	16	15	15	15	16	17	17	17	15	15	16	17	18	18	18	21	22	22	17		
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10	17	17	16	16	16	21	25	18	15	14	14	15	16	15	15	15	15	14	15	14	14	14	14	16		
11	15	15	15	15	16	15	15	16	18	17	16	16	16	17	18	18	18	21	18	17	19	20	23	18		
12	26	19	17	16	16	16	17	18	21	20	19	20	24	27	27	27	26	31	41	56	41	33	22	17		
13	18	17	16	16	17	17	16	16	17	18	19	19	15	15	16	15	15	15	15	15	14	14	14	16		
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15	17	16	16	15	16	16	17	18	15	15	15	15	16	15	15	14	14	14	15	16	16	17	17	16		
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24	20	19	18	18	18	19	19	21	20	19	***	17	17	17	17	17	17	19	19	19	18	18	17	18		
25	16	15	14	15	15	14	14	14	14	14	14	15	15	15	15	16	16	16	16	16	16	16	15	15		
26	15	15	15	15	15	15	16	17	18	18	19	18	17	17	17	17	17	17	16	16	16	15	15	16		
27	16	16	15	15	15	15	15	16	16	17	16	17	16	17	17	17	17	17	17	17	16	16	16	16		
28	16	16	15	16	16	16	17	17	17	16	16	16	16	15	15	15	16	17	18	20	18	26	23	17		
29	26	19	17	16	15	15	14	14	15	16	15	15	15	15	15	15	15	15	16	17	18	18	19	16		
30	19	18	19	16	15	13	13	13	13	13	12	13	13	12	12	12	13	13	13	13	12	13	13	14		
MEAN	21	20	20	20	20	19	19	20	21	20	20	20	20	19	20	20	20	20	20	20	19	20	20	20	19.9	

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLLUTANT - TOTAL HYDROCARBONS											UNITS - 0.1 PARTS/MILLION													
	STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO											MONTH - DEC 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	13	13	13	13	13	13	13	14	13	13	13	13	****	16	16	16	17	18	19	19	19	19	18	15
2	18	18	19	19	20	19	21	25	23	20	20	19	22	23	21	23	24	25	25	22	22	21	21	21	21
3	19	18	18	18	18	18	18	19	23	23	20	18	17	18	17	19	22	22	22	21	21	22	21	21	20
4	21	25	23	23	24	24	27	27	28	29	28	24	23	24	23	26	25	24	24	24	24	25	25	24	25
5	24	23	23	22	23	25	25	31	39	40	27	26	27	26	28	28	28	29	27	26	25	24	23	22	27
6	20	19	17	17	17	17	16	16	16	16	17	17	16	16	16	17	18	19	19	19	19	22	21	18	
7	21	21	21	21	21	21	21	23	22	22	22	22	22	21	21	22	22	23	23	22	22	23	24	23	22
8	22	22	22	22	22	23	24	23	25	26	27	28	25	24	24	25	26	26	25	24	23	23	23	23	24
9	22	22	22	21	21	22	22	23	23	23	23	24	28	26	23	23	23	21	21	22	21	21	21	22	23
10	23	23	26	26	23	19	18	19	19	19	18	18	17	18	17	18	18	18	19	19	20	19	19	18	20
11	18	17	17	17	17	18	17	19	22	21	19	18	17	16	16	16	16	18	18	19	19	20	19	21	18
12	21	22	21	21	20	18	19	20	23	23	22	20	18	16	18	18	20	21	21	21	21	20	21	20	20
13	20	19	19	18	18	18	19	18	19	19	19	19	22	22	22	22	23	21	23	25	27	27	22	21	21
14	19	19	19	18	18	17	17	17	16	16	16	15	16	15	14	14	14	14	14	14	14	13	13	14	16
15	13	13	13	14	15	15	14	15	15	16	***	17	17	17	17	18	18	19	18	19	18	18	18	19	16
16	19	18	18	18	18	19	20	19	20	20	20	20	20	21	22	21	22	22	22	21	21	20	20	20	20
17	21	20	19	19	19	19	19	22	23	22	20	20	19	19	19	20	21	21	22	22	21	20	20	19	20
18	20	19	19	18	19	19	19	20	20	20	20	19	19	19	19	20	21	21	22	22	21	20	19	19	20
19	20	20	20	19	19	20	21	24	25	26	26	26	28	30	31	30	33	33	32	31	29	26	25	25	26
20	25	25	27	27	26	27	27	26	26	27	27	29	29	29	29	30	30	29	29	28	28	29	29	29	28
21	28	27	27	26	26	26	26	26	26	26	26	26	26	26	27	28	28	28	28	27	28	28	28	28	27
22	38	34	33	27	31	34	28	40	44	36	44	38	33	29	26	27	27	27	28	26	23	24	24	23	31
23	21	20	20	21	21	21	21	23	23	22	21	21	22	22	20	21	23	24	25	24	24	24	24	25	22
24	24	24	24	24	24	24	****	****	****	****	****	27	24	21	25	22	20	21	20	19	19	18	17	18	22
25	19	17	18	18	18	18	17	20	26	24	24	22	21	19	21	21	22	22	22	22	22	23	23	21	21
26	18	18	17	17	17	16	17	17	17	17	17	17	17	16	15	15	15	15	15	15	15	15	15	15	16
27	15	14	14	14	14	14	14	14	13	14	14	14	14	13	13	14	15	16	16	17	17	17	16	16	15
28	16	16	18	18	16	16	22	25	27	30	28	22	18	17	17	18	17	17	17	16	16	16	16	17	19
29	18	17	17	17	17	21	22	24	25	30	33	28	24	20	18	18	17	18	17	16	17	16	16	16	20
30	17	18	23	22	19	20	24	27	26	19	17	17	17	17	19	20	21	20	17	17	17	16	16	13	19
31	13	12	12	12	12	12	14	17	18	17	17	17	16	17	18	17	17	18	16	17	17	16	16	16	16
MEAN	20	20	20	20	20	20	20	22	23	23	22	21	21	21	20	21	21	22	21	21	21	21	20	20	20.8



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	15.6	19	25
FEB	28	18.0	25	29
MAR	31	14.3	19	23
APR	28	15.8	29	46
MAY	31	21.5	30	57
JUN	29	20.3	24	36
JUL	30	19.7	29	60
AUG	31	21.1	32	63
SEP	30	16.8	25	46
OCT	31	16.8	27	57
NOV	30	19.9	46	85
DEC	31	20.8	31	44
YEAR	361	18.4	46	85

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201&OVER	TOTAL
JAN	10	690	41	0	0	0	0	0	741
FEB	0	493	172	0	0	0	0	0	665
MAR	4	713	21	0	0	0	0	0	738
APR	55	477	137	19	0	0	0	0	688
MAY	0	348	326	65	0	0	0	0	739
JUN	0	376	308	15	0	0	0	0	699
JUL	0	432	279	16	0	0	0	0	727
AUG	0	284	412	39	1	0	0	0	736
SEP	0	612	93	13	0	0	0	0	718
OCT	5	603	118	10	0	0	0	0	736
NOV	0	521	135	52	10	0	0	0	718
DEC	0	327	390	20	0	0	0	0	737
YEAR	74	5876	2432	249	11	0	0	0	8642

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
98.7	1	12.6	15.0	16.9	19.2	23.9	27.2	33.0	37.7	85	18.4



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - NO 31090 67 COLLEGE ST 2ND FL TORONTO

MONTH - JUN 75

STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID	-												
2												- DATA INVALID	-												
3												- DATA INVALID	-												
4												- DATA INVALID	-												
5												- DATA INVALID	-												
6												- DATA INVALID	-												
7												- DATA INVALID	-												
8												- DATA INVALID	-												
9												- DATA INVALID	-												
10												- DATA INVALID	-												
11												- DATA INVALID	-												
12												- DATA INVALID	-												
13												- DATA INVALID	-												
14												- DATA INVALID	-												
15												- DATA INVALID	-												
16												- DATA INVALID	-												
17												- DATA INVALID	-												
18												- DATA INVALID	-												
19	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	19	19	21	22	18	16	15	14	13	***
20	11	11	11	11	11	12	14	17	***	24	21	20	23	23	24	25	22	23	24	25	23	27	31	21	***
21	23	21	19	20	28	25	25	22	20	20	17	17	18	19	22	22	23	25	28	26	24	21	20	20	22
22	23	23	22	21	23	25	23	25	25	18	19	21	20	20	21	23	24	25	25	23	21	19	19	19	22
23	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
24	20	19	19	19	17	18	21	25	22	19	20	20	21	22	23	25	25	22	19	21	23	24	25	21	23
25																									
26	***	***	***	***	***	***	***	***	***	***	***	23	26	22	25	25	24	22	23	24	22	26	24	23	18
27	18	18	18	24	21	23	31	26	24	22	21	***	22	24	26	26	24	23	24	22	21	23	26	25	
28	22	22	24	26	24	23	24	22	26	22	22	22	22	20	20	20	20	22	23	22	27	29	30	29	
29	23	22	21	20	19	20	24	20	19	19	20	23	21	22	22	21	22	23	25	24	27	28	27	23	
30	21	20	20	21	21	22	24	23	22	22	18	16	17	17	20	23	22	22	21	22	22	24	25	25	
MEAN	20	20	19	20	21	21	23	23	23	21	20	21	21	21	23	23	22	23	24	23	23	24	24	22	21

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - NO 31090 67 COLLEGE ST 2ND FL TORONTO

MONTH - JUL 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	29	28	28	26	20	22	23	24	21	21	19	18	17	18	18	19	20	21	24	23	18	19	21	22	22	
2	22	23	24	21	22	22	25	27	20	20	20	19	20	21	22	18	18	19	20	19	18	18	17	21		
3	17	16	16	15	19	21	22	24	21	22	21	22	22	20	23	22	22	24	20	21	21	22	20	20	21	
4	19	18	17	17	17	19	22	23	24	21	****	****	22	23	22	20	22	23	24	22	24	23	22	19	21	
5	22	18	18	18	18	17	18	21	18	21	21	20	20	20	20	19	19	20	21	21	20	19	23	23	20	
6	29	25	27	26	26	30	29	23	22	22	20	21	22	23	27	22	23	25	23	16	12	10	9	6	22	
7	5	4	5	5	6	10	16	12	****	25	24	22	20	20	23	23	21	21	21	30	23	23	28	29	18	
8	27	30	27	22	25	25	27	25	25	23	24	22	22	22	21	22	22	22	22	21	21	19	18	18	23	
9	17	17	17	16	17	18	20	21	22	22	20	19	20	21	21	21	21	22	20	20	21	25	27	22	20	
10	19	18	18	18	18	20	21	22	22	22	21	20	22	23	27	28	32	25	20	22	26	24	22	19	22	
11	19	17	17	18	18	21	22	20	20	****	16	15	17	15	17	16	15	15	14	15	15	17	23	23	18	
12	24	25	22	21	22	24	25	22	19	19	19	18	18	18	18	18	17	17	18	19	20	20	21	22	20	
13	22	22	20	19	19	20	22	20	17	18	19	20	18	21	21	18	19	18	20	19	19	19	21	17	20	
14	16	16	16	18	25	17	21	22	22	21	20	19	19	19	20	19	19	19	22	21	20	20	20	20	20	
15	19	19	21	21	21	21	26	25	26	25	23	22	20	23	22	21	20	22	22	21	21	22	22	21	22	
16	24	26	26	26	26	27	36	34	28	24	26	23	23	23	25	25	24	23	24	23	22	22	26	28	26	
17	29	30	28	25	23	27	32	30	28	27	26	24	22	22	23	22	21	20	20	22	24	27	23	24	25	
18	26	22	23	27	26	26	30	27	26	22	****	17	16	17	15	15	14	15	15	18	19	17	14	14	20	
19	14	15	12	12	12	13	13	13	13	13	13	14	15	13	15	15	14	14	18	21	17	15	17	16	14	
20	17	16	16	16	19	17	16	14	14	14	14	15	14	13	14	15	16	15	22	26	21	17	19	24	16	
21	16	14	13	16	15	17	28	20	16	16	18	17	16	19	20	21	22	20	16	15	15	15	16	17	17	
22	15	16	16	16	16	17	18	19	19	20	19	18	17	20	19	19	17	16	17	21	21	19	19	21	18	
23	25	25	29	32	22	20	22	25	19	17	18	18	19	20	19	21	22	18	18	24	25	30	36	28	23	
24	26	28	26	25	24	33	27	23	18	19	20	21	19	8	8	8	8	9	9	9	9	11	11	9	17	
25	8	7	7	7	8	8	9	9	9	8	9	9	9	8	8	9	9	9	9	9	10	10	11	10	9	
26	10	11	11	13	13	12	13	14	12	12	10	9	10	9	9	9	9	9	9	10	10	11	12	16	11	
27	17	13	14	14	13	12	14	16	27	20	16	14	9	9	12	10	10	10	11	14	13	11	11	11	13	
28	13	14	14	13	12	14	13	13	12	10	10	10	9	9	9	9	10	10	11	12	12	12	13	11	16	
29	14	13	13	16	15	13	29	31	33	22	12	13	13	14	14	15	12	12	12	12	13	13	16	21	16	
30	18	19	19	17	16	17	26	31	27	21	19	17	16	16	17	16	14	14	14	17	17	21	24	23	19	
31	21	19	21	15	16	18	25	38	30	26	22	19	18	18	19	17	17	16	19	20	25	44	51	54	25	
MEAN	19	19	19	18	18	19	22	22	21	20	19	18	17	18	18	18	18	18	18	19	18	19	21	20	19	0

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION												
STATION - NO 31090 67 COLLEGE ST 2ND FL TORONTO													MONTH - AUG 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	27	24	20	35	31	37	32	41	32	24	19	17	17	18	22	18	19	17	16	17	21	30	40	23	25
2	19	24	27	29	31	45	41	39	52	38	27	20	18	18	19	18	17	16	16	18	24	31	32	23	27
3	21	28	15	13	13	14	17	15	15	15	15	15	14	21	23	18	18	17	20	19	17	17	19	19	17
4	21	22	17	18	18	15	14	13	14	14	14	13	13	14	15	15	14	15	17	20	19	18	17	18	16
5	16	15	15	14	12	13	15	17	16	14	15	15	15	15	15	16	14	13	14	14	13	13	14	13	14
6	13	13	13	17	13	16	16	22	20	17	18	18	19	16	16	17	17	16	15	17	17	18	18	20	17
7	15	14	14	14	14	16	17	20	19	21	16	15	16	16	17	16	13	12	13	15	19	22	26	28	17
8	29	18	14	17	16	15	19	27	30	17	15	14	14	13	14	14	14	14	13	13	14	15	16	14	17
9	15	15	15	16	14	14	15	15	16	13	13	12	13	12	14	13	12	13	14	14	14	14	16	16	14
10	15	13	13	12	13	14	14	13	12	13	13	13	13	14	14	13	14	14	14	16	17	17	14	15	14
11	16	14	11	11	12	12	13	14	15	15	18	17	16	17	17	17	17	18	19	22	16	15	15	16	16
12	19	15	15	15	14	14	16	19	20	19	18	17	17	16	15	16	16	15	16	15	15	17	18	23	17
13	23	30	27	26	25	24	29	29	26	20	22	19	17	22	17	22	21	20	21	19	24	19	16	13	22
14	13	13	13	13	13	15	16	17	16	15	15	15	16	17	16	16	17	16	18	18	17	17	17	17	16
15	16	15	15	17	17	24	33	***	27	24	22	19	24	27	27	29	23	16	15	16	16	17	21	19	21
16	22	20	19	17	15	16	17	16	14	15	15	15	14	14	15	15	15	15	17	16	16	16	17	18	16
17	23	22	26	23	24	24	22	30	17	16	16	16	16	15	14	15	14	13	14	15	14	15	13	18	18
18	13	13	13	13	14	15	16	17	16	16	15	15	15	15	15	15	15	15	15	15	16	17	16	15	15
19	16	17	16	19	20	20	23	23	19	16	15	15	15	16	15	17	17	16	16	16	16	17	19	19	17
20	17	16	17	17	17	18	20	23	28	18	16	16	16	16	17	16	16	15	15	15	20	23	19	17	18
21	16	15	18	21	27	30	34	32	36	29	22	20	18	***	18	17	17	19	19	20	21	16	17	16	22
22	17	18	15	13	12	12	14	13	13	14	15	15	16	17	17	18	16	13	13	17	18	21	24	23	16
23	24	19	26	27	25	24	22	20	15	16	14	14	12	13	13	12	14	14	17	19	17	18	22	17	18
24	19	16	17	18	19	17	18	21	19	17	24	18	15	24	22	18	19	18	22	27	14	15	13	15	19
25	16	13	13	15	14	17	18	18	17	17	17	15	15	14	13	14	14	14	15	16	16	16	16	17	15
26	16	17	16	14	14	14	18	21	20	21	24	22	19	13	15	17	16	15	17	22	24	19	18	18	18
27	16	15	16	16	15	15	16	16	15	14	14	14	14	14	16	14	14	14	16	17	17	19	24	16	16
28	24	24	23	17	17	19	20	30	41	28	19	14	17	16	18	16	15	16	21	27	22	23	26	22	21
29	18	20	18	15	15	17	19	18	17	19	19	21	17	22	25	24	21	19	21	20	19	19	19	16	19
30	17	16	15	14	14	17	18	17	18	18	18	18	16	17	20	16	16	16	15	17	18	18	21	17	17
31	16	14	14	14	13	14	14	15	15	13	14	14	15	15	16	14	14	14	14	14	15	15	13	14	14
MEAN	18	18	17	17	17	19	20	21	21	18	17	16	16	17	17	17	16	15	16	17	18	18	19	18	17.7

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION													
STATION - NO 31090 67 COLLEGE ST 2ND FL TORONTO												MONTH - SEP 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	14	14	13	13	15	16	15	15	14	17	18	17	21	21	19	20	21	21	22	27	25	16	14	18
2	14	15	16	17	17	19	24	29	17	15	14	13	14	14	14	13	13	13	13	14	14	15	16	17	16
3	16	16	19	16	16	15	18	17	16	16	16	16	16	16	15	15	14	14	14	14	16	22	21	16	16
4	22	21	20	17	15	20	30	23	14	16	14	13	13	14	13	12	13	12	13	14	15	15	15	16	16
5	17	17	16	16	16	17	20	19	22	28	17	16	15	17	16	20	21	22	23	25	23	19	19	17	19
6	16	16	18	17	17	17	17	14	13	13	13	13	13	13	13	13	12	12	13	15	15	14	14	14	14
7	15	15	15	17	16	18	18	17	16	15	14	14	14	14	14	14	14	16	16	18	15	19	21	17	16
8	18	16	14	14	15	16	21	19	18	14	14	14	13	14	13	13	14	13	14	14	15	15	15	15	15
9	15	15	15	15	16	18	22	22	18	18	17	16	17	17	16	16	15	15	17	18	17	21	21	17	17
10	19	22	23	21	23	26	27	29	28	26	21	20	22	27	29	25	20	20	22	24	23	18	19	15	23
11	14	15	20	29	31	29	28	20	20	20	18	17	16	16	17	20	17	14	15	12	12	14	12	10	18
12	10	9	9	9	10	11	12	14	16	14	14	15	13	13	14	14	17	15	14	14	14	13	14	14	13
13	15	15	15	15	14	15	15	15	14	14	13	15	14	15	14	13	13	13	14	14	15	15	15	14	14
14	15	15	15	17	18	17	18	16	15	14	14	13	13	13	16	14	13	14	15	21	19	19	20	18	16
15	19	17	15	18	19	28	46	43	31	22	17	16	15	15	18	17	16	16	17	18	19	22	18	17	21
16	25	23	25	31	21	24	44	44	31	32	33	30	27	21	24	26	26	25	19	21	18	20	21	26	27
17	21	23	24	25	28	41	35	30	32	48	31	26	22	21	21	23	22	22	20	19	19	18	20	15	25
18	15	14	14	14	14	19	17	19	20	20	20	23	20	21	21	22	17	17	16	15	16	15	18	14	18
19	15	21	17	13	12	13	22	23	21	19	23	21	20	18	21	25	22	18	15	19	28	23	22	17	20
20	20	17	16	15	12	13	13	12	14	13	13	14	12	12	12	12	12	12	11	13	13	13	17	16	14
21	15	14	14	14	15	14	14	14	15	13	13	13	13	13	13	14	13	14	14	14	13	13	13	14	14
22	15	19	17	15	15	16	20	22	21	16	16	16	17	18	17	17	17	16	16	15	16	18	18	23	17
23	20	18	18	20	19	20	22	24	22	18	17	17	16	18	21	21	18	21	22	21	19	17	16	15	19
24	14	14	14	14	15	16	18	19	18	18	20	17	18	19	17	19	17	17	19	17	18	18	16	14	17
25	13	13	13	13	14	15	17	18	19	19	20	18	17	18	19	21	18	17	17	17	18	16	17	16	17
26	15	15	14	14	15	17	23	31	25	23	27	27	22	22	19	18	22	18	17	20	20	16	16	15	20
27	14	14	14	13	14	15	16	17	18	15	15	15	16	14	14	14	14	15	17	21	22	20	16	16	16
28	18	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
29	16	15	14	14	14	15	18	19	20	21	18	16	15	15	14	16	24	17	16	17	20	17	18	14	16
30	16	15	14	16	14	15	18	19	20	21	18	16	15	15	14	16	24	17	16	17	20	17	18	14	16
MEAN	16	16	16	17	17	19	22	22	20	19	18	17	16	17	17	18	17	16	16	17	18	17	17	16	17.5



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION													
STATION - NO 31090 67 COLLEGE ST 2ND FL TORONTO													MONTH - OCT 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	14	13	12	13	16	18	18	19	22	26	25	17	18	19	19	19	18	18	18	18	19	17	15	16	18	
2	15	15	15	15	16	16	18	20	18	23	19	19	18	20	19	19	18	19	19	18	19	20	20	18	18	
3	19	19	19	20	17	18	21	24	21	19	19	18	17	18	19	19	17	17	18	17	18	16	17	17	19	
4	17	17	19	19	19	19	22	21	24	28	31	24	21	20	22	18	18	19	20	22	23	23	24	24	21	
5	22	22	21	19	23	22	27	24	23	21	22	23	22	21	21	22	24	27	29	28	19	21	24	20	23	
6	17	17	17	18	19	18	21	22	19	17	17	17	16	15	13	14	14	14	16	16	17	17	18	16	17	
7	15	15	16	16	16	18	21	24	18	19	18	19	17	19	16	15	16	17	24	21	24	22	25	27	19	
8	33	38	32	29	34	44	57	55	53	47	44	25	32	27	28	28	25	21	22	18	20	18	17	17	32	
9	15	15	15	15	15	16	18	18	18	18	19	19	18	20	22	22	20	19	20	20	22	22	21	21	19	
10	19	16	16	16	16	18	24	****	26	27	22	19	20	22	20	21	22	20	21	16	17	17	17	15	19	
11	15	19	22	23	29	27	20	18	16	16	15	15	15	15	15	15	15	16	17	16	16	16	15	18	16	
12	16	14	15	14	15	16	15	15	15	15	15	15	15	16	17	16	16	18	18	16	17	21	22	23	16	
13	24	22	19	18	20	26	25	16	16	19	16	15	16	17	19	18	18	23	28	24	30	40	25	21	21	
14	18	17	17	17	17	18	23	26	25	21	27	23	21	24	25	22	23	23	27	26	30	35	33	37	24	
15	33	21	21	24	24	22	26	23	28	28	24	22	20	19	22	26	22	21	21	17	19	19	14	14	22	
16	14	13	14	14	15	16	17	17	16	16	15	15	15	15	16	16	16	16	16	16	16	18	19	18	16	
17	18	17	16	16	17	19	24	23	21	21	18	20	27	22	24	21	22	18	21	16	15	15	16	14	19	
18	14	13	12	13	12	13	14	14	15	15	16	17	17	17	19	15	15	16	17	16	16	16	17	16	15	
19	14	14	13	13	13	14	14	13	14	14	14	15	15	18	18	15	15	16	18	16	16	18	19	16	15	
20	13	14	13	13	13	14	16	21	20	21	20	15	15	18	19	20	16	15	17	16	17	17	14	14	16	
21	14	13	15	15	15	16	19	19	19	21	21	18	19	20	21	23	25	27	21	17	21	18	21	18	19	
22	25	23	18	17	15	15	18	22	22	23	18	20	23	21	25	23	27	34	30	21	21	23	23	17	22	
23	16	15	15	16	17	20	23	27	32	27	33	29	28	34	31	32	29	27	26	25	28	27	30	28	26	
24	33	29	33	32	31	34	45	44	52	34	****	32	39	26	26	25	22	24	26	23	28	15	14	13	30	
25	13	13	17	31	30	27	13	14	14	14	17	15	13	13	13	12	13	14	16	16	15	18	20	16	17	
26	18	16	16	15	13	15	13	16	15	14	12	12	12	13	14	14	13	14	13	13	13	19	18	20	15	
27	17	14	24	27	27	27	36	46	35	****	24	20	16	19	19	17	24	27	22	21	16	21	26	36	27	
28	27	23	21	23	21	23	23	46	22	25	27	24	22	19	22	22	21	18	18	16	15	15	16	17	22	
29	16	13	13	12	12	13	13	15	15	15	15	14	15	17	16	17	17	18	16	15	15	16	17	17	15	
30	16	15	12	13	13	13	15	20	19	18	18	17	17	17	19	18	20	22	21	20	22	21	25	26	18	
31	23	26	20	20	22	26	30	35	39	15	19	17	15	17	22	22	26	20	16	18	19	15	16	16	21	
MEAN	19	18	18	18	19	20	22	24	23	21	21	19	19	19	20	20	20	20	20	20	21	19	20	19	19	9

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION													
	STATION - NO 31090 67 COLLEGE ST 2ND FL TORONTO												MONTH - NOV 75													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	16	15	15	15	15	16	16	16	16	17	17	17	16	17	19	17	17	17	17	19	19	18	20	20	17	
2	18	19	20	19	20	21	22	21	19	20	21	19	18	19	24	36	30	19	21	19	19	18	18	19	21	
3	19	20	19	20	19	17	23	28	37	30	23	24	22	26	23	25	24	18	19	20	20	22	16	14	22	
4	15	14	13	14	14	13	16	16	16	15	14	14	14	14	15	15	17	17	17	18	19	22	17	17	16	
5	19	18	16	15	19	18	16	19	22	22	17	19	19	18	18	18	18	45	24	24	15	18	24	25	20	
6	22	17	14	16	23	18	16	21	21	24	34	30	28	24	21	24	29	42	37	24	22	36	47	53	27	
7	38	29	29	45	30	23	25	30	****	38	42	39	30	23	49	23	33	19	17	17	19	17	16	22	28	
8	21	15	15	14	14	14	13	13	14	15	17	17	16	15	14	15	17	17	18	18	23	24	25	25	17	
9	23	36	37	47	27	35	29	24	15	15	15	17	16	19	21	24	19	20	19	19	17	16	16	18	23	
10	16	16	16	16	18	19	29	23	18	17	17	18	19	18	20	21	19	18	17	18	17	18	18	19	19	
11	18	18	18	19	18	18	20	21	23	21	20	20	20	22	24	24	24	28	22	21	23	27	35	40	23	
12	30	23	19	19	18	19	20	27	29	25	26	33	36	35	41	46	32	44	53	66	46	40	28	21	32	
13	19	19	18	18	19	18	18	21	23	23	21	20	18	19	19	21	19	20	19	21	18	19	17	17	19	
14	17	17	17	16	16	16	17	18	19	20	20	20	19	19	19	22	23	21	18	19	20	19	19	20	19	
15	21	20	19	19	20	19	21	23	20	21	22	21	21	20	19	19	19	21	22	22	24	24	23	22	21	
16	22	23	23	19	18	18	19	21	18	19	18	19	19	21	27	42	25	21	20	20	24	27	24	23	22	
17	19	20	19	17	17	19	30	31	35	32	31	28	26	23	25	30	28	35	23	23	20	20	20	21	25	
18	22	22	20	21	23	23	25	32	31	35	50	46	42	51	48	49	49	40	35	28	23	23	28	27	33	
19	25	23	22	19	19	20	23	26	32	34	31	36	33	37	46	44	38	44	33	46	48	70	64	56	36	
20	72	72	65	58	87	57	64	71	87	57	52	63	43	38	37	31	26	24	20	19	20	21	18	18	47	
21	15	16	18	21	14	13	14	19	21	17	16	18	18	17	17	20	17	17	17	18	18	17	17	17	16	
22	16	14	13	13	13	13	13	14	14	15	14	15	16	16	16	16	17	17	18	19	18	17	17	19	16	
23	19	19	18	18	17	17	18	18	19	19	20	19	19	19	19	23	22	23	22	22	23	25	23	25	20	
24	22	22	20	18	19	20	21	23	23	22	25	23	24	26	25	25	26	27	25	25	24	23	23	23	23	
25	19	20	17	17	16	16	19	19	19	19	19	20	20	23	22	24	24	20	21	19	19	20	20	20	20	
26	19	18	19	18	19	19	20	22	24	25	25	24	23	21	****	26	24	23	22	21	20	21	20	19	21	
27	18	19	24	18	17	18	19	20	19	21	21	21	22	23	23	24	25	24	22	22	21	20	20	20	21	
28	19	18	18	18	19	19	21	22	23	22	21	21	22	21	22	22	23	24	22	24	31	26	38	35	23	
29	37	27	21	20	19	20	20	21	20	21	23	23	24	23	24	24	22	21	22	22	24	29	27	24	23	
30	24	24	24	20	18	17	18	18	17	17	17	17	18	18	20	20	18	18	17	17	17	18	18	17	19	
MEAN	23	22	21	21	21	20	22	23	24	23	24	24	23	23	25	26	24	25	23	23	22	24	24	24	22	9



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION												
STATION - NO 31090 67 COLLEGE ST 2ND FL TORONTO													MONTH - DEC 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	16	16	17	17	17	17	19	20	19	19	19	****	20	19	19	21	22	22	22	20	21	19	19	19
2	19	18	18	18	19	19	22	25	25	21	21	23	25	30	21	24	25	25	23	22	22	22	21	22	22
3	19	17	16	16	16	17	17	20	23	23	21	19	20	19	18	19	21	29	32	22	21	21	21	20	20
4	21	26	23	22	23	24	29	30	32	34	28	24	26	27	29	33	29	25	25	26	25	26	26	27	27
5	24	31	20	22	22	24	24	32	39	39	24	25	30	29	30	28	32	31	31	29	28	29	27	30	28
6	32	34	18	18	18	18	18	17	17	17	17	17	17	17	18	20	19	19	20	21	20	19	22	21	20
7	22	21	19	19	19	19	21	22	22	21	20	21	22	22	23	27	22	22	21	21	20	22	25	27	22
8	22	22	21	21	20	22	23	25	***	33	28	26	25	26	26	26	27	27	23	23	23	23	23	23	24
9	22	20	20	20	19	20	20	25	28	25	24	23	24	25	26	25	25	24	25	24	24	22	20	23	23
10	24	23	24	25	22	19	18	21	21	20	21	20	19	20	18	19	21	21	22	21	21	22	20	19	21
11	18	18	18	18	18	19	18	22	24	23	21	20	20	21	21	20	22	23	21	23	23	24	24	26	21
12	24	23	22	22	21	19	22	24	25	26	25	25	26	27	25	27	28	29	26	27	27	25	25	26	25
13	23	22	20	19	19	19	19	20	19	20	22	22	25	25	27	27	26	25	27	28	29	30	24	23	23
14	23	22	22	22	21	20	20	22	19	19	19	19	19	19	19	20	18	18	19	18	17	18	17	17	19
15	16	16	17	16	18	18	16	21	19	19	20	20	20	18	19	20	21	21	19	20	19	21	20	19	19
16	19	18	17	18	18	18	21	21	22	23	23	23	24	26	26	28	26	25	25	26	25	26	24	26	23
17	25	22	22	22	23	22	24	27	29	25	25	24	22	23	23	24	24	24	24	23	23	23	24	24	24
18	23	23	22	22	22	22	22	25	26	25	26	27	27	26	25	26	26	27	25	25	24	24	24	24	25
19	23	24	24	24	24	24	25	28	30	30	30	31	32	34	36	37	38	37	31	41	34	26	24	22	30
20	19	19	20	19	19	18	19	19	19	18	17	18	19	19	18	20	21	19	23	18	19	18	19	20	19
21	18	18	17	18	18	17	21	20	17	18	18	18	20	21	22	25	22	20	22	22	22	24	22	26	20
22	31	28	26	***	***	***	***	***	***	31	39	32	29	24	22	21	23	23	23	22	19	19	20	20	25
23	17	16	16	16	16	16	16	18	19	18	18	17	18	18	18	19	19	20	19	19	19	18	19	18	18
24	19	20	19	19	18	19	22	24	28	33	34	28	26	26	29	23	21	20	18	19	19	18	17	19	22
25	19	17	17	17	17	18	19	28	25	26	24	23	24	20	25	28	24	24	24	24	25	25	24	26	23
26	22	20	19	19	18	18	18	24	19	18	19	21	19	18	19	19	19	19	18	17	18	17	18	18	19
27	18	17	17	17	17	17	17	17	17	17	18	17	17	18	18	19	19	20	19	21	21	21	21	20	18
28	20	21	21	20	20	21	28	31	31	31	31	23	22	22	22	23	22	22	22	21	21	21	22	23	23
29	23	22	22	21	22	25	27	32	32	35	40	34	29	25	25	***	23	23	22	21	21	21	22	23	23
30	22	23	27	26	26	24	29	32	33	28	23	23	23	24	25	26	28	26	25	25	24	22	22	20	25
31	20	19	19	19	18	19	21	26	26	24	24	26	26	27	28	28	29	26	24	23	23	24	22	22	23
MEAN	21	21	20	20	20	20	21	24	24	24	24	23	23	23	23	24	24	24	23	23	22	22	22	22	22 4

- NOTES 1 \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2 - INDICATES DATA IS UNAVAILABLE  
 3 \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - NO 31090 67 COLLEGE ST 2ND FL TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY		DATA UNAVAILABLE		
JUN	7	21.8	23	31
JUL	31	19.0	26	54
AUG	31	17.7	27	52
SEP	28	17.5	27	48
OCT	31	19.9	32	91
NOV	30	22.9	47	87
DEC	31	22.4	30	41
YEAR	189	20.0	47	91

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - NO 31090 67 COLLEGE ST 2ND FL TORONTO

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141 - 200	201 & OVER	TOTAL
JAN	DATA UNAVAILABLE								
FEB	DATA UNAVAILABLE								
MAR	DATA UNAVAILABLE								
APR	DATA UNAVAILABLE								
MAY	DATA UNAVAILABLE								
JUN	0	41	171	2	0	0	0	0	214
JUL	67	313	345	14	0	0	0	0	739
AUG	0	584	138	20	0	0	0	0	742
SEP	6	507	156	16	0	0	0	0	685
OCT	0	444	254	42	0	1	0	0	741
NOV	0	326	305	76	11	0	0	0	718
DEC	0	222	472	41	0	0	0	0	735
YEAR	73	2437	1841	211	11	1	0	0	4574

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
89.1	4	13.4	16.1	18.5	21.3	26.1	29.9	37.1	44.8	91	20.0



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION												
STATION - NO 33002 PHARMACY AND 401 TORONTO													MONTH - JAN 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	21	22	23	22	21	23	20	20	19	19	19	18	18	18	16	15	15	16	16	16	16	17	18	19
2	17	17	17	17	17	18	18	21	24	24	22	21	19	20	****	****	****	****	****	****	****	****	****	****	****
3													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
4													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
5													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
6													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
7	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	26	22	22	27	34	32	30	27	****
8	31	26	21	20	18	17	17	18	19	18	19	20	21	25	21	21	21	19	17	17	18	18	17	16	20
9	16	16	16	15	15	15	16	21	21	20	19	20	20	20	21	22	25	23	23	22	22	20	19	19	19
10	18	17	17	17	17	17	17	18	19	19	20	20	19	20	****	****	18	17	16	15	14	13	12	13	17
11	12	11	11	10	11	11	11	11	11	11	11	11	11	12	13	13	14	14	14	14	15	14	15	15	12
12	15	16	16	16	16	17	16	17	18	18	18	18	18	19	19	19	19	19	18	18	17	17	16	17	17
13	16	16	17	16	16	16	17	20	21	19	19	19	19	18	19	16	17	17	19	18	18	18	18	19	18
14	17	16	17	16	16	16	17	18	21	21	20	19	****	16	18	16	17	19	22	22	19	21	22	19	19
15	17	16	16	17	17	17	18	21	22	20	19	20	18	18	18	18	18	18	18	16	16	16	16	16	18
16	15	16	18	17	17	17	18	19	20	17	16	16	15	16	18	22	26	28	26	24	21	23	23	26	20
17	22	21	22	22	24	24	28	32	42	31	24	21	****	19	19	19	19	23	21	19	18	18	17	23	23
18	17	17	17	16	15	15	14	15	15	15	15	15	15	16	14	14	15	15	14	14	13	12	13	15	15
19	12	13	13	12	11	11	11	12	13	14	15	16	17	18	18	18	19	19	19	19	19	19	20	15	15
20	19	19	19	19	19	19	22	25	28	23	22	22	20	19	20	19	21	26	24	23	22	20	18	18	21
21	17	18	17	17	16	16	17	18	19	18	19	19	19	19	19	18	17	17	17	16	15	15	15	16	17
22	16	16	16	16	17	18	20	24	24	23	22	22	20	20	21	22	25	29	25	26	24	23	23	24	22
23	22	25	22	22	26	27	27	32	40	32	23	20	19	18	17	17	18	18	18	17	17	16	15	16	22
24	16	15	15	15	16	16	18	23	27	24	21	17	****	22	21	21	22	21	23	19	17	17	17	19	19
25	16	15	16	15	15	15	15	14	16	15	15	15	15	15	14	14	****	****	****	****	****	****	****	****	15
26													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
27													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
28													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
29	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	17	17	19	17	16	16	17	17	17	****
30	18	18	18	19	19	20	23	28	28	25	24	22	21	21	22	25	26	27	25	25	23	25	24	24	23
31	22	20	19	19	21	23	25	28	29	28	25	22	21	****	****	21	23	22	21	21	19	20	18	18	22
MEAN	18	18	17	17	17	18	19	21	23	21	19	19	18	18	18	19	20	20	20	19	19	19	18	18	18.8

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION													
STATION - NO 33002 PHARMACY AND 401 TORONTO												MONTH - FEB 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	18	17	16	17	18	18	20	21	22	21	21	19	19	19	20	22	22	24	24	24	22	22	23	20
2	22	22	21	20	20	19	20	21	23	22	22	20	21	21	21	21	21	21	24	21	22	21	20	20	21
3	19	18	17	17	18	19	21	26	25	22	21	21	21	19	18	18	22	22	22	22	22	22	22	20	21
4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	18	16	17	18	16	16	15	15	15	****
5	14	13	13	14	19	16	20	28	28	20	20	19	18	19	18	22	24	23	19	17	16	15	15	15	19
6	15	15	15	14	15	16	20	35	31	28	21	20	****	****	19	21	22	23	19	23	24	21	19	18	21
7	18	17	17	17	17	17	19	22	23	20	19	20	20	19	19	18	19	20	20	21	21	21	20	20	19
8	20	20	20	20	19	19	19	19	20	21	22	22	22	23	22	23	23	23	23	23	23	21	21	21	21
9	22	23	23	22	22	22	23	23	24	24	24	23	22	22	22	22	23	24	24	23	23	23	23	23	23
10	22	23	23	23	23	23	25	27	28	27	26	26	26	****	18	19	20	20	21	21	18	18	23	20	23
11	22	19	15	14	13	13	15	21	21	18	18	17	16	14	15	16	19	19	17	17	16	17	16	15	17
12	13	12	13	12	12	12	15	21	20	16	16	16	14	12	12	19	19	20	21	19	18	16	15	15	16
13	14	14	14	14	14	16	20	21	22	19	18	19	20	20	21	22	23	25	23	21	20	20	20	18	19
14	16	17	17	17	18	17	18	21	21	21	19	20	20	20	****	21	22	23	20	20	18	18	17	17	19
15	17	18	19	20	21	20	18	21	24	21	18	18	16	17	17	17	17	16	16	16	18	15	17	20	18
16	21	18	16	15	14	13	14	14	15	15	15	14	15	15	15	16	17	17	16	19	19	16	19	18	16
17	16	16	16	15	16	16	17	18	17	17	16	17	17	17	17	16	15	15	14	14	15	16	17	18	16
18	17	18	17	17	17	17	17	18	19	18	16	15	14	18	21	22	19	19	19	22	21	22	22	21	19
19	20	19	19	18	18	17	18	19	19	18	17	15	15	15	15	16	20	21	19	18	18	17	17	17	18
20	18	18	18	17	17	17	18	23	22	21	20	20	17	16	17	17	17	18	17	17	17	18	19	19	18
21	23	19	20	21	22	23	23	26	26	24	24	23	21	21	22	23	23	25	26	26	27	29	37	34	25
22	37	34	28	34	33	29	28	32	30	26	23	23	23	23	23	22	22	23	23	24	23	22	22	27	26
23	27	27	26	21	22	24	21	23	22	23	22	22	24	25	25	24	25	25	23	23	24	24	24	22	24
24	21	22	23	22	21	20	21	24	22	19	20	20	19	19	19	18	18	27	24	22	22	19	19	18	21
25	18	18	18	18	18	19	19	19	19	19	19	19	19	****	17	17	16	16	15	15	14	14	14	14	17
26	13	13	13	14	15	15	15	17	17	18	18	18	18	19	19	20	20	20	19	19	18	17	18	18	17
27	18	17	17	17	17	18	18	20	21	21	21	21	22	22	22	22	23	23	22	22	22	21	22	22	20
28	23	22	22	22	22	23	26	25	24	24	23	23	****	18	17	17	17	18	17	16	15	15	15	15	20
MEAN	19	19	18	18	19	18	19	22	22	21	20	20	19	19	19	20	20	21	20	20	20	19	20	19	19.7



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - NO 33002 PHARMACY AND 401 TORONTO

MONTH - MAR 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	15	15	15	14	14	14	14	16	16	17	17	17	18	18	18	18	19	19	19	18	17	15	16	16
2	16	16	17	16	16	18	17	17	18	17	18	18	18	18	17	18	19	19	19	19	18	19	19	18	18
3	17	17	17	17	17	18	19	22	23	21	18	17	17	18	18	19	22	22	20	20	19	18	16	17	19
4	17	17	18	18	19	19	21	24	24	23	20	19	20	19	****	19	21	22	20	19	18	16	16	17	19
5	17	17	18	18	18	18	22	22	23	21	19	19	19	19	19	19	20	19	20	19	18	19	18	18	19
6	19	19	19	17	17	18	21	22	21	21	19	19	19	18	19	19	22	23	24	25	24	25	24	24	21
7	23	23	22	22	21	20	22	22	22	21	21	****	19	19	19	20	19	20	21	19	17	17	16	15	15
8	14	14	13	13	13	13	13	15	15	17	17	17	16	16	16	17	18	18	19	20	20	19	19	19	16
9	19	20	23	23	24	23	27	30	23	22	20	19	18	18	17	16	16	17	17	17	18	19	19	18	20
10	18	18	17	17	17	20	23	28	31	25	21	****	17	16	16	17	17	16	18	21	24	25	24	22	20
11	22	19	17	16	16	16	17	25	29	27	24	21	18	18	17	17	16	17	18	19	20	19	18	18	19
12	18	18	17	17	17	17	18	18	17	16	17	16	17	18	17	18	****	22	21	22	21	20	19	19	11
13	19	18	18	18	17	18	19	21	23	22	21	22	22	22	23	23	25	26	25	25	26	25	25	25	22
14	25	25	24	24	25	24	25	28	28	27	27	26	16	16	16	17	18	17	21	21	25	20	18	17	22
15	16	16	16	16	16	17	17	21	21	28	20	19	17	17	17	15	16	16	18	18	19	19	19	19	18
16	19	19	19	19	20	20	21	20	19	19	18	19	19	19	19	19	21	20	21	24	28	38	36	27	22
17	20	19	18	18	19	19	22	23	21	19	18	18	17	17	17	17	18	19	19	20	19	19	19	24	19
18	23	20	18	18	18	19	19	20	22	19	18	17	15	18	****	16	15	17	19	21	21	18	17	18	18
19	16	15	15	14	14	12	12	14	15	14	14	15	15	15	16	18	22	19	17	15	14	14	13	13	15
20	12	12	12	12	13	13	14	18	17	15	15	15	15	15	15	15	16	16	17	16	17	16	17	16	15
21	16	15	15	15	15	15	16	18	22	21	20	17	15	****	15	15	14	15	15	15	15	14	14	14	16
22	14	13	13	13	11	11	11	11	10	9	8	9	9	9	8	13	14	10	10	10	10	10	10	10	11
23	11	11	10	10	10	10	11	12	12	13	13	12	13	12	13	13	13	15	16	16	17	17	16	16	13
24	16	15	14	14	14	13	13	14	14	14	13	13	13	13	****	13	12	13	12	14	13	12	13	15	13
25	14	14	17	15	15	14	15	17	15	13	11	10	10	10	11	11	11	12	13	14	13	14	14	13	13
26	14	14	14	15	15	15	16	18	18	18	18	17	17	17	17	17	19	19	18	19	18	18	18	17	17
27	17	16	16	16	16	17	18	20	****	****	****	****	18	****	17	17	19	18	17	17	15	15	15	14	17
28	13	13	12	12	11	11	11	12	12	12	11	11	11	10	10	10	11	10	10	9	11	8	8	7	11
29	7	7	7	6	6	6	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6
30	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	5
31	6	6	6	7	7	8	10	11	12	10	10	9	10	10	9	8	10	10	9	10	9	11	12	12	9
MEAN	16	16	16	15	15	15	16	18	18	18	17	16	15	15	15	16	17	17	17	17	18	17	16	16	16 4

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - NO 33002 PHARMACY AND 401 TORONTO

MONTH - APR 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	10	10	8	8	8	10	17	15	12	11	11	9	9	9	9	12	12	11	12	10	10	10	10	11
2	10	9	9	8	8	9	11	15	12	10	11	10	9	10	11	11	18	14	14	16	16	14	13	14	12
3	12	11	10	9	8	8	8	10	11	10	9	9	10	10	10	12	12	12	11	10	11	10	10	10	10
4	10	10	11	11	11	11	12	15	15	14	14	15	15	15	15	16	17	16	16	16	16	16	16	15	14
5	15	15	15	14	14	14	15	16	16	16	17	17	17	16	17	17	16	16	15	15	15	15	14	14	15
6	14	14	14	14	14	14	14	15	15	15	15	15	14	14	14	14	14	13	14	13	13	13	13	12	14
7	12	11	11	11	11	11	13	16	16	14	13	12	12	12	12	13	14	16	15	15	15	14	14	14	13
8	14	13	13	****	****	****	****	****	****	****	****	****	****	****	****	16	15	16	14	14	14	14	14	14	14
9	14	13	13	13	13	14	14	17	17	16	15	14	14	13	13	14	14	16	15	15	15	15	14	14	14
10	14	13	12	12	12	12	14	18	19	16	14	13	12	12	13	13	14	16	14	16	14	13	14	13	14
11	16	14	13	12	12	13	15	18	17	14	13	12	12	13	14	17	15	15	14	14	15	14	14	15	14
12	14	15	15	13	14	13	14	14	14	14	12	13	14	14	13	13	14	15	16	17	18	18	17	17	15
13	28	19	18	17	17	16	18	16	15	15	15	15	15	15	16	15	16	16	16	18	20	23	23	21	18
14	21	19	20	21	21	19	22	23	26	23	19	18	18	17	17	18	18	18	19	26	26	26	23	21	16
15	20	16	16	16	15	14	14	18	19	17	15	14	13	14	14	****	18	19	16	16	15	15	15	15	16
16	16	17	16	16	16	16	17	21	18	16	15	15	15	14	15	16	16	18	16	17	18	19	22	24	17
17	25	23	20	18	18	17	17	19	15	12	****	****	****	15	13	11	11	11	12	12	12	12	12	9	15
18	11	11	11	10	10	10	11	12	13	13	13	****	18	15	17	19	21	15	13	12	12	12	12	12	13
19	11	9	8	8	9	10	9	10	10	11	11	11	11	11	11	11	11	12	13	12	12	12	12	12	11
20	12	11	12	12	12	12	12	12	13	13	14	14	15	15	15	15	16	16	16	17	16	17	17	16	14
21	15	15	16	16	17	17	19	21	21	19	18	18	17	17	17	17	20	21	19	19	19	19	20	21	18
22	22	21	23	24	24	24	25	25	24	22	18	17	16	16	****	****	****	****	****	****	****	****	****	****	****
23	27	30	26	21	18	17	16	14	12	11	11	10	11	10	10	10	10	10	10	13	10	9	9	9	14
24	9	8	8	7	7	6	9	13	12	11	10	10	10	10	10	10	11	12	12	12	13	11	10	10	10
25	10	10	9	9	9	10	12	16	16	13	13	13	13	14	****	14	16	15	15	16	15	15	23	17	14
26	15	15	13	13	13	14	14	14	14	14	14	14	13	13	13	13	14	14	15	15	15	15	15	17	16
27	20	17	17	18	21	21	18	15	14	14	13	13	14	14	13	14	14	14	15	15	16	16	14	14	15
28	14	13	13	14	14	16	18	17	16	15	14	12	13	13	13	16	15	18	16	16	16	13	12	11	15
29	11	11	11	10	11	13	14	18	20	18	15	13	12	14	****	12	11	11	12	12	13	13	13	13	13
30	13	13	13	13	13	15	16	16	15	15	14	14	14	14	14	15	15	14	15	14	13	12	12	11	14



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION													
STATION - NO 33002 PHARMACY AND 401 TORONTO												MONTH - MAY 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	11	11	11	12	12	16	18	19	18	20	17	21	18	18	16	16	17	17	18	17	18	18	21	16
2	16	13	14	15	16	19	24	21	16	15	15	16	***	14	14	14	14	14	16	15	14	15	16	21	16
3	20	20	16	15	14	15	20	15	14	12	11	13	13	11	10	10	9	9	11	11	10	9	10	9	13
4	8	8	8	8	9	8	8	9	9	9	9	8	9	9	10	11	11	10	10	10	10	10	10	10	9
5	9	9	9	9	9	10	15	14	11	11	10	10	11	11	11	13	11	11	13	13	13	12	12	12	11
6	14	14	13	13	12	15	13	12	12	11	12	13	12	10	10	11	10	10	12	14	18	22	19	16	13
7	18	13	13	13	11	15	20	16	13	10	11	11	12	12	11	11	11	12	12	14	17	19	17	15	14
8	13	11	10	11	12	15	19	18	17	15	15	14	14	12	12	12	12	12	14	15	24	26	27	22	16
9	16	15	13	15	15	17	24	21	17	17	16	13	***	12	11	11	11	13	12	16	17	15	15	15	15
10	13	12	12	12	13	14	16	19	18	13	13	14	12	12	11	11	11	13	14	16	19	23	22	25	15
11	31	32	30	24	23	23	23	24	15	14	14	12	10	10	10	10	11	12	12	14	16	15	14	16	17
12	15	18	24	22	16	19	24	19	13	12	12	11	11	11	8	12	14	***	***	***	***	***	***	***	15
13	***	***	***	***	***	***	***	***	***	***	***	***	***	***	16	16	16	14	14	13	15	16	17	***	***
14	16	16	46	20	17	22	21	20	16	15	13	12	12	12	11	11	11	11	12	12	13	16	23	18	17
15	14	14	14	16	23	19	20	22	17	14	13	13	11	11	11	11	11	12	14	14	13	11	13	12	14
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17	12	12	13	12	15	18	16	14	12	11	12	11	9	9	8	8	8	9	8	8	9	9	9	11	11
18	12	13	15	17	19	20	19	18	15	15	15	15	15	14	13	13	13	13	15	15	18	19	19	19	16
19	21	23	24	25	26	26	20	21	21	19	19	19	19	17	14	14	14	15	17	18	19	21	19	21	20
20	18	15	16	17	16	18	19	20	21	20	18	16	15	17	***	14	10	9	10	12	12	13	14	13	15
21	16	17	20	21	18	23	18	21	19	15	12	12	11	10	9	10	11	11	12	14	14	11	13	11	15
22	11	14	11	13	12	17	17	17	17	18	16	14	14	14	13	13	13	14	16	17	17	18	21	24	15
23	28	25	16	14	13	16	19	17	17	22	16	12	***	7	8	9	9	10	12	16	27	29	25	31	17
24	37	22	17	12	12	14	14	14	13	12	12	12	12	11	11	11	11	11	13	15	23	24	18	15	15
25	14	14	14	14	14	14	14	14	14	13	13	13	13	13	13	13	13	13	14	14	14	14	14	14	14
26	16	19	20	17	17	18	18	16	17	15	14	13	12	11	11	12	13	13	13	14	15	15	15	14	15
27	15	14	14	13	13	14	16	17	15	15	15	14	13	11	11	12	12	11	11	11	12	12	12	12	13
28	12	12	12	14	15	18	18	17	15	14	13	11	11	11	12	13	14	13	14	16	17	24	24	15	15
29	23	21	18	16	17	20	19	17	14	13	13	12	12	11	11	12	13	13	13	12	13	12	11	11	14
30	12	12	12	13	13	16	20	21	24	22	20	***	14	8	9	10	11	10	9	10	12	13	12	11	14
31	11	11	10	10	10	9	9	9	9	8	8	8	8	8	8	9	9	10	11	13	12	12	11	12	10
MEAN	16	15	16	15	15	17	18	17	16	14	14	13	12	12	11	12	12	12	13	14	15	16	17	16	14.5

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION													
STATION - NO 33002 PHARMACY AND 401 TORONTO												MONTH - JUN 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	11	12	12	10	10	11	16	11	14	11	11	12	12	12	11	11	11	11	12	12	12	12	12	12
2	13	12	12	13	15	18	21	19	16	13	15	15	14	13	12	11	11	12	14	14	16	15	13	14	14
3	12	15	13	12	11	11	12	14	13	12	***	***	10	8	7	7	7	8	9	10	12	17	19	22	12
4	28	27	28	25	24	25	24	20	17	14	12	12	13	13	13	13	13	13	14	15	15	13	13	15	17
5	12	9	9	9	9	10	11	11	12	11	12	12	14	14	13	15	14	13	15	15	17	18	19	20	13
6	27	28	19	18	21	23	26	20	15	12	11	***	11	10	11	12	11	11	11	10	9	9	8	7	15
7	9	9	9	8	8	9	9	9	9	9	9	9	9	9	8	8	8	9	9	7	7	6	7	6	8
8	6	6	7	7	7	8	8	8	8	6	6	6	6	6	7	7	7	7	7	8	11	9	9	8	7
9	10	10	10	8	10	14	16	17	24	9	8	8	8	8	9	9	9	9	10	11	12	11	12	13	11
10	16	15	14	16	18	23	24	20	15	14	12	11	***	12	8	8	8	9	9	11	13	13	11	11	14
11	11	12	13	24	19	17	17	16	12	11	10	9	9	8	8	8	9	9	10	11	10	9	9	8	12
12	8	8	8	7	8	8	10	17	15	13	11	8	6	6	6	6	6	6	7	8	9	9	9	12	9
13	12	12	10	9	10	11	10	11	11	12	11	***	10	8	8	10	10	11	11	11	13	17	21	27	12
14	26	25	22	18	15	17	15	15	14	12	12	12	11	10	10	10	10	10	10	11	13	15	15	14	14
15	16	15	16	17	15	15	15	16	15	14	13	12	10	9	10	11	10	10	10	11	12	12	13	14	13
16	13	13	12	12	13	13	13	13	13	14	14	13	11	11	11	11	11	11	12	14	15	16	17	17	13
17	18	22	19	17	17	19	21	20	18	16	14	11	***	9	6	7	8	8	9	9	10	11	13	13	14
18	10	10	8	7	6	7	9	11	11	9	8	7	7	8	9	10	11	11	11	11	13	15	16	17	10
19	14	13	13	14	20	17	21	17	17	15	14	12	12	12	12	13	13	13	12	12	13	13	13	13	14
20	12	11	11	11	11	13	16	17	15	12	12	14	9	8	8	9	10	10	10	10	10	13	18	22	12
21	32	22	18	17	16	16	17	15	10	10	8	7	6	6	6	6	6	7	9	8	8	9	11	13	12
22	14	13	12	11	13	16	14	12	11	11	11	11	11	11	10	9	8	8	9	11	13	13	12	13	12
23	15	13	11	10	14	19	19	16	15	12	13	14	12	11	11	9	10	13	12	14	11	12	12	11	13
24	11	12	13	14	16	17	21	22	19	17	15	13	***	6	6	7	6	7	6	9	9	10	10	12	12
25	10	10	9	9	11	14	15	13	10	8	9	10	***	***	4	4	5	5	6	6	9	15	15	14	10
26	12	11	10	10	10	12	17	14	9	7	6	5	5	5	6	6	6	6	6	6	6	8	9	11	8
27	10	11	12	13	12	18	17	15	14	12	12	***	6	4	3	4	4	5	5	5	6	9	11	12	10
28	10	11	13	13	14	14	13	11	10	9	10	9	9	9	9	9	10	10	11	11	13	14	17	18	12
29	18	15	11	11	11	8	9	8	8	8	8	8	8	8	9	10	10	11	12	13	17	15	15	14	11
30	14	14	13	13	12	13	14	13	11	11	10	10	12	***	7	7	10	9	10	11	14	20	21	20	13
MEAN	14	14	13	13	13	15	16	15	13	12	11	10	10	9	9	9	9	9	10	10	12	13	13	14	11



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - NO 33002 PHARMACY AND 401 TORONTO

MONTH - JUL 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	17	17	19	17	18	20	16	13	10	9	7	7	7	8	8	9	10	11	13	13	15	18	16	13
2	18	18	22	19	20	20	19	17	13	13	12	11	13	****	****	7	6	6	7	4	5	5	5	8	12
3	8	8	7	7	9	13	12	8	6	4	3	2	2	2	2	1	1	2	3	3	5	5	4	4	5
4	4	4	4	3	4	6	11	8	7	5	5	5	4	3	5	7	6	4	5	6	7	8	9	9	6
5	6	5	4	6	8	9	11	7	7	5	5	5	6	5	4	4	3	4	4	5	6	7	10	12	6
6	12	12	11	10	10	11	11	10	10	7	5	4	3	3	2	3	3	3	4	4	5	6	7	9	7
7	14	10	13	11	10	13	14	12	12	14	11	9	6	5	4	4	5	6	9	9	11	10	10	11	10
8	18	13	15	16	12	15	15	12	10	12	9	9	6	5	5	6	6	7	8	8	10	10	10	10	10
9	10	9	10	10	10	12	16	14	11	****	11	7	7	9	10	13	15	12	12	12	12	13	13	15	11
10	15	13	12	12	12	14	19	17	14	12	11	11	12	12	12	10	10	10	11	14	15	14	14	11	13
11	11	10	10	9	10	11	14	13	12	11	11	10	10	11	10	10	10	11	12	13	14	12	14	11	11
12	19	15	16	15	16	18	19	16	14	11	10	9	9	8	8	8	8	9	10	11	10	11	15	14	12
13	13	13	13	10	11	11	10	10	9	9	9	9	9	9	10	10	10	11	10	10	10	11	12	10	10
14	12	10	11	12	13	13	13	14	13	13	****	11	7	6	7	7	7	7	8	8	9	9	9	9	10
15	10	10	9	10	11	16	16	16	15	13	13	11	10	10	9	10	10	10	11	12	13	14	17	18	12
16	13	15	17	23	21	23	22	18	19	13	15	13	13	11	11	11	12	12	14	15	15	20	17	18	16
17	16	16	17	16	16	18	19	19	19	17	15	15	14	****	14	13	14	14	16	16	16	15	16	17	16
18	18	21	19	25	25	23	22	21	19	17	18	15	14	14	14	14	14	14	15	15	14	15	18	16	18
19	16	15	16	14	14	13	12	12	12	11	11	9	8	8	8	9	9	11	10	11	12	13	16	14	12
20	12	12	11	11	11	11	12	15	13	12	11	11	10	10	10	12	12	11	13	16	17	18	17	13	13
21	12	****	****	****	****	****	****	****	****	14	14	15	15	14	14	15	17	18	17	17	17	14	15	14	15
22	14	14	15	15	16	19	22	21	17	15	13	13	13	13	13	13	13	14	15	18	19	18	18	21	16
23	15	15	14	14	16	20	21	17	15	****	9	7	10	13	14	11	13	15	17	19	14	14	17	15	15
24	14	15	15	16	14	14	13	12	10	10	8	8	6	5	9	7	7	6	7	9	8	9	9	9	10
25	8	8	8	9	9	10	10	10	10	11	10	10	11	11	11	13	14	13	****	****	****	****	****	****	12
26	13	13	13	13	13	13	13	13	13	12	11	12	11	11	10	10	11	11	11	12	13	13	13	14	12
27	15	15	14	14	13	18	18	16	16	13	13	12	9	8	8	8	9	9	11	12	13	12	11	11	12
28	10	11	10	11	11	14	16	17	15	14	13	14	13	****	12	11	10	10	10	12	16	13	12	14	13
29	14	13	32	19	17	19	24	19	17	16	16	13	10	9	9	9	10	10	9	10	11	11	12	13	14
30	15	14	13	14	15	15	14	14	13	12	11	10	10	10	10	11	12	12	13	14	17	19	16	14	13
31	13	13	14	14	13	15	18	16	14	13	12	11	13	14	****	10	3	1	1	2	4	9	13	6	11
MEAN	13	13	13	13	13	15	16	15	13	12	11	10	9	9	9	9	9	9	10	11	12	12	13	13	11.7

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - NO 33002 PHARMACY AND 401 TORONTO

MONTH - AUG 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	1	1	0	5	6	6	4	6	8	3	2	3	2	2	2	3	6	7	10	11	13	13	5
2	13	9	7	9	10	13	20	11	7	5	5	5	5	3	3	4	4	5	6	6	6	13	11	9	8
3	9	8	7	4	3	5	5	5	6	5	4	2	3	3	3	3	3	1	1	1	2	2	3	5	4
4	6	4	4	4	5	5	4	3	2	3	2	2	2	2	1	1	1	2	2	3	5	9	11	11	4
5	10	8	5	4	6	7	9	8	6	6	5	4	5	4	4	5	6	5	7	6	6	6	5	5	6
6	4	4	3	3	3	5	9	9	8	7	14	8	8	8	9	11	11	10	10	10	11	11	12	12	8
7	11	12	13	12	12	13	16	16	15	15	12	11	10	10	10	12	12	12	13	15	18	21	19	19	14
8	19	17	16	14	17	15	17	14	14	12	****	8	10	10	10	9	11	12	13	12	16	11	12	12	13
9	12	12	13	13	13	13	11	10	9	8	9	8	8	8	8	8	9	9	10	11	13	13	12	13	11
10	14	13	13	13	13	14	15	15	12	12	12	12	12	13	13	13	13	13	13	13	14	13	13	13	13
11	12	13	13	11	10	10	12	12	14	12	10	11	8	8	8	8	12	****	****	****	****	****	****	****	11
12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	13	11	11	11	13	12	16	15	16	14
13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	13	11	11	11	13	12	16	15	16	14
14	14	14	14	14	14	15	19	19	18	15	15	14	14	14	14	15	17	17	17	17	18	17	18	20	16
15	19	17	18	16	18	20	20	21	21	19	16	14	12	12	12	12	12	15	12	14	13	15	17	18	16
16	17	15	15	15	15	15	17	17	17	14	13	13	0	1	0	1	1	0	0	0	0	0	0	1	8
17	21	22	39	21	21	21	21	21	22	24	21	17	15	13	13	12	12	15	15	18	18	17	16	16	19
18	16	16	16	16	16	17	20	19	17	17	16	16	15	15	15	17	17	16	16	16	16	16	17	17	16
19	18	18	18	17	17	22	21	19	16	16	16	16	****	12	11	13	13	12	12	13	14	16	30	16	16
20	14	14	15	16	17	16	21	18	15	14	14	14	12	13	12	13	13	13	12	13	15	16	16	15	15
21	15	15	16	18	19	26	29	24	22	21	17	19	15	21	17	11	13	15	13	11	9	9	12	9	17
22	11	11	9	9	10	12	16	14	14	14	13	13	14	14	14	14	17	12	12	13	14	16	21	23	14
23	20	18	19	18	17	20	19	17	14	13	12	11	10	10	10	12	10	10	10	10	10	10	10	14	14
24	11	11	12	14	15	18	16	14	13	11	11	9	9	9	11	11	11	11	13	16	18	17	17	13	
25	14	14	13	11	14	14	17	19	15	13	10	10	11	10	10	11	11	10	11	13	14	16	16	20	16
26	14	14	12	11	12	14	17	16	17	15	17	14	14	15	17	20	19	15	17	20	21	21	22	20	16
27	16	15	15	15	14	14	18	19	19	16	16	15	11	12	15	15	16	15	15	16	17	19	20	19	16
28	22	22	22	20	20	18	22	22	26	18	16	15	14	14	14	14	13	13	14	14	17	14	12	13	17
29	14	14	16	15	15	16	19	17	17	15	16	15	14	13	13	13	13	15	15	15	14	13	12	12	15
30	12	12	12	9	9	10	11	13	12	12	12	12	12	12	10	11	11	11	11	11	11	12	14	16	12
31	17	11	11	12	12	12	13	13	13	13	12	12	12	12	12	13	13	13	13	13	13	13	13	20	13
MEAN	14	13	13	12	13	14	16	15	14	13	12	11	10	10	10	11	11	11	11	12	13	13	14	14	12.5



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION													
STATION -												MONTH - SEP 75													
NO 33002												PHARMACY AND 401 TORONTO													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	13	12	12	12	12	13	13	13	13	13	13	13	13	13	13	13	13	14	16	15	18	15	17	14
2	15	14	16	16	16	13	17	19	14	14	14	14	14	14	14	14	14	14	14	16	18	18	15	17	14
3	29	27	26	25	25	25	25	25	25	25	25	25	25	25	25	26	26	25	25	27	26	28	28	30	29
4	17	18	17	16	13	15	16	15	13	13	13	13	13	13	15	16	19	25	22	19	17	15	14	15	15
5	14	12	12	12	13	13	14	13	15	15	15	15	15	15	15	14	13	14	14	16	16	15	14	15	15
6	15	15	15	15	15	16	17	19	16	14	15	15	15	15	15	14	14	14	14	14	17	15	16	14	14
7	11	12	12	12	12	15	16	17	16	16	16	16	17	18	19	21	20	19	19	20	19	19	19	30	17
8	17	16	23	18	20	20	35	29	25	21	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
9																									
10																									
11																									
12																									
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23																									
24																									
25	17	17	16	16	16	17	19	21	20	19	17	17	18	18	17	17	18	17	17	19	17	17	17	17	17
26	15	14	13	13	13	14	15	15	18	16	17	22	22	21	20	16	17	20	18	18	17	16	15	14	17
27	17	17	15	14	14	14	15	15	17	18	18	17	17	17	17	17	17	17	18	21	20	19	18	19	17
28	18	18	16	17	17	18	19	19	17	17	17	18	19	20	20	20	19	20	22	26	36	32	30	21	21
29	21	21	26	26	27	34	44	37	29	23	22	23	23	23	23	20	20	22	24	20	20	23	23	22	26
30	21	21	21	22	20	19	20	21	21	19	19	19	19	19	17	16	17	18	20	20	18	18	19	23	19
MEAN	17	16	17	17	17	16	19	20	19	18	17	17	17	18	17	17	18	18	18	19	19	19	18	19	17.8

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION													
STATION - NO 33002 PHARMACY AND 401 TORONTO												MONTH - OCT 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	19	19	19	19	20	24	24	21	21	20	20	18	19	20	23	21	19	18	17	19	17	17	16	20
2	17	17	18	19	20	25	27	24	21	19	18	18	17	19	18	20	22	22	21	25	26	25	25	26	27
3	27	26	25	24	24	25	27	27	24	21	18	17	15	12	13	13	13	14	15	14	14	15	15	15	19
4	15	16	16	16	17	19	25	25	22	18	18	19	18	18	18	18	17	18	18	19	18	22	25	22	19
5	21	19	18	18	18	18	18	19	19	20	20	20	20	20	20	20	21	21	23	24	22	22	21	22	20
6	20	19	19	19	19	18	20	21	20	19	20	20	16	15	16	18	17	17	20	20	19	19	18	16	19
7	16	17	19	19	20	24	29	25	20	18	18	19	19	19	20	20	19	20	23	25	29	36	42	49	24
8	40	31	33	36	37	40	49	59	41	34	29	24	25	22	21	23	24	24	25	24	23	23	22	21	30
9	20	20	20	20	20	20	21	21	20	20	20	20	21	21	21	21	21	21	21	21	21	21	21	21	30
10	16	17	17	17	18	19	22	25	23	22	21	21	19	19	17	17	18	22	30	23	19	20	22	19	20
11	18	18	20	20	21	27	33	22	21	19	18	18	18	18	18	18	18	19	18	18	14	13	16	16	19
12	17	17	17	16	17	17	18	17	17	18	17	17	16	16	17	16	16	17	17	17	18	18	25	24	18
13	21	21	24	23	21	21	21	18	18	18	17	16	16	17	17	17	18	19	21	26	28	34	24	20	21
14	19	18	17	18	18	20	24	25	22	21	19	19	19	19	19	19	19	20	20	21	20	22	23	25	21
15	27	29	29	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
16	14	15	16	16	17	18	19	20	21	21	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
17	19	21	23	23	24	28	31	32	29	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
18	16	14	14	14	14	14	14	15	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
19	17	18	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
20	17	16	17	18	18	18	24	23	22	21	22	21	19	19	18	19	19	20	20	21	19	19	18	16	17
21	18	17	17	18	18	19	21	21	21	21	21	20	22	19	19	21	21	20	30	25	25	26	25	30	21
22	26	24	21	19	19	23	27	26	26	23	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
23	18	17	18	18	17	18	22	23	19	21	20	21	21	21	21	21	21	21	21	21	21	21	21	21	21
24	31	25	25	27	30	39	44	38	32	28	23	21	21	21	21	21	21	21	21	21	21	21	21	21	21
25	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
26	19	19	18	17	16	17	18	19	18	19	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16
27	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
28	32	30	24	25	29	31	38	45	31	32	30	22	20	18	17	17	17	17	17	17	17	17	17	17	17
29	18	16	15	15	17	16	18	20	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
30	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
31	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
MEAN	21	20	20	20	20	22	25	26	23	21	20	19	18	18	18	19	19	20	21	21	21	21	21	22	20.5

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - NO 33002 PHARMACY AND 401 TORONTO

MONTH - NOV 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	17	15	15	14	15	15	17	21	26	34	37	25	15	14	11	15	13	18	26	35	34	23	21	21
2	20	16	21	28	****	****	****	****	****	****	****	20	20	19	18	19	20	24	24	22	18	17	16	20	20
3	22	18	17	14	15	22	35	38	29	21	24	24	20	18	****	****	21	19	21	18	17	17	17	16	21
4	16	16	16	14	13	14	24	39	43	****	****	12	10	11	10	9	10	11	12	11	13	13	13	13	16
5	14	13	12	13	14	13	17	28	25	19	18	16	16	18	23	****	26	27	32	43	27	27	30	37	22
6	24	22	23	18	19	20	22	20	21	23	25	26	31	32	26	25	29	35	40	33	31	41	57	52	29
7	52	46	31	27	24	23	23	26	29	31	26	23	24	24	22	20	19	19	17	16	18	21	19	17	25
8	17	19	18	17	16	16	15	15	15	17	18	17	16	17	18	19	21	21	21	21	21	22	24	32	19
9	41	34	40	37	38	26	22	21	17	16	16	17	17	17	18	18	19	19	19	19	18	19	18	18	23
10	18	17	17	17	18	17	18	17	18	16	16	15	15	13	15	16	12	13	13	13	13	14	15	15	15
11	15	15	16	17	16	17	20	22	24	22	20	16	19	18	19	22	****	****	****	****	****	****	****	****	19
12	****	****	****	****	****	****	****	****	****	22	20	21	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	20	****	22	22	17	****	****	****	****
13	18	18	18	17	18	18	19	21	21	21	19	16	17	17	18	20	22	21	21	22	22	21	****	****	19
14	****	****	****	****	****	****	****	****	****	****	****	****	DATA INVALID	DATA INVALID	DATA INVALID	DATA INVALID	20	18	17	17	17	17	17	18	****
15	18	18	22	19	19	23	24	31	38	36	26	21	25	24	24	26	22	16	17	14	15	15	15	17	22
16	21	17	14	14	13	15	21	22	20	25	24	27	22	22	24	25	30	33	34	31	35	46	35	30	25
17	31	31	33	31	30	42	45	60	48	44	43	29	23	21	****	21	17	16	15	14	13	13	12	12	28
18	11	11	11	11	9	9	10	12	14	12	12	12	12	11	11	12	14	12	11	11	11	11	11	12	11
19	12	12	11	13	13	13	13	12	13	13	14	16	17	17	17	16	15	14	14	14	13	13	12	12	14
20	12	12	13	14	15	13	13	14	15	17	17	18	18	18	18	16	15	17	18	****	****	****	****	15	15
21	17	17	16	16	15	****	****	****	****	****	****	****	****	****	****	23	28	28	26	24	24	23	20	20	****
22	21	20	22	20	19	19	20	23	25	23	23	23	22	24	30	25	28	27	26	25	25	24	23	23	23
23	23	22	20	21	20	21	22	24	28	27	25	26	24	24	24	25	26	26	28	26	25	25	25	23	24
24	22	22	22	22	21	23	23	21	19	19	18	18	19	****	23	22	21	21	21	21	21	22	22	21	21
25	20	21	20	20	20	21	24	28	28	27	29	28	29	27	27	28	29	31	31	****	30	****	****	****	26
26	31	37	36	34	34	****	****	****	****	****	****	****	26	26	25	25	25	22	21	21	21	21	22	21	26
27	20	19	17	17	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
28	21	20	20	19	19	19	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
29	21	20	20	19	19	19	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
30	21	20	20	19	19	19	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
MEAN	21	20	20	19	19	19	21	24	24	22	22	21	21	20	20	20	21	21	21	21	21	21	21	21	20.9

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - NO 33002 PHARMACY AND 401 TORONTO

MONTH - DEC 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	19	17	19	****	18	****	22	20	20	20	20	21	****	25	23	22	20	19	19	****	****	****	19	19	20	
2	17	16	17	17	16	17	26	27	31	31	24	19	19	21	26	27	31	29	26	26	25	23	23	19	23	
3	15	13	13	14	14	15	19	24	23	20	18	18	18	17	18	18	25	27	25	25	24	26	32	26	20	
4	21	19	18	19	18	18	22	25	25	23	21	21	****	18	17	20	22	23	18	14	13	13	13	13	19	
5	13	12	12	29	22	21	109	37	38	34	****	****	****	23	22	20	20	23	21	19	18	17	16	15	25	
6	13	13	13	13	13	12	11	12	14	16	17	20	21	21	21	22	23	21	19	17	15	17	18	18	17	
7	19	19	18	17	17	16	15	17	17	16	18	20	21	21	21	21	24	25	25	24	26	24	22	20	20	
8	21	18	20	19	17	16	20	26	24	22	22	23	22	20	21	23	27	24	22	22	22	22	21	19	21	
9	18	16	15	15	15	17	23	25	25	25	25	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
10	- DATA INVALID -																									
11	- DATA INVALID -																									
12	- DATA INVALID -																									
13	- DATA INVALID -																									
14	- DATA INVALID -																									
15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	20	20	22	23	21	21	19	20	18	18	****
16	18	17	17	17	17	16	16	22	23	21	20	****	20	18	19	21	19	17	17	17	16	17	18	17	18	18
17	17	18	18	20	18	17	18	19	19	19	18	18	19	18	19	22	21	19	18	18	18	18	18	18	19	19
18	17	17	16	17	17	16	19	21	21	21	20	20	20	****	45	46	46	46	43	42	39	38	38	29	29	
19	18	18	18	18	18	18	22	27	26	24	25	25	25	26	26	26	30	28	27	25	25	24	23	24	24	
20	22	22	21	21	21	21	21	21	21	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
21	22	22	22	21	21	21	21	22	22	23	24	24	24	24	24	25	26	27	26	26	27	27	27	29	24	
22	32	30	34	37	26	31	36	42	48	33	34	34	****	29	26	23	24	23	24	24	22	22	23	21	29	
23	20	19	19	19	19	21	25	26	22	21	21	21	21	21	21	23	25	25	24	24	25	24	25	22	22	
24	21	20	21	21	22	25	29	37	34	30	28	27	26	24	27	30	27	23	21	21	21	21	21	21	25	
25	20	23	24	22	23	21	21	21	22	26	25	25	23	21	24	23	25	24	26	27	25	29	26	26	24	
26	30	24	21	20	22	23	22	20	20	20	20	21	21	20	20	20	20	20	20	20	20	21	21	21	21	
27	20	19	19	19	19	19	19	19	20	22	23	22	22	21	21	21	21	24	25	26	25	23	23	25	22	
28	31	31	28	36	33	27	29	27	26	32	31	28	26	25	24	24	23	24	23	23	23	23	24	25	27	
29	24	25	25	25	26	28	32	35	34	32	29	25	****	24	24	24	24	25	27	26	26	26	26	27	27	
30	25	25	25	25	25	25	25	25	25	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	26	
31	26	26	26	26	26	26	26	26	25	25	25	25	****	22	22	23	23	21	22	21	21	18	17	18	23	
MEAN	21	20	20	21	20	20	22	28	25	24	24	23	22	22	23	24	25	24	24	23	23	23	22	22	22	



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - NO 33002 PHARMACY AND 401 TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	21	18.8	23	42
FEB	27	19.7	26	37
MAR	31	16.4	22	38
APR	28	14.3	21	30
MAY	30	14.5	20	46
JUN	30	11.9	17	32
JUL	31	11.7	18	32
AUG	29	12.5	19	39
SEP	11	17.8	26	44
OCT	29	20.5	30	59
NOV	23	20.9	29	60
DEC	24	22.7	29	109
YEAR	314	16.5	30	109

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - NO 33002 PHARMACY AND 401 TORONTO

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141 - 200	201 & OVER	TOTAL
JAN	1	341	169	9	0	0	0	0	520
FEB	0	331	304	9	0	0	0	0	644
MAR	97	486	146	3	0	0	0	0	732
APR	88	553	50	0	0	0	0	0	691
MAY	95	538	79	5	0	0	0	0	717
JUN	279	390	39	1	0	0	0	0	709
JUL	274	427	21	1	0	0	0	0	723
AUG	193	456	48	1	0	0	0	0	698
SEP	0	238	71	6	0	0	0	0	315
OCT	0	375	289	37	0	0	0	0	701
NOV	7	264	226	56	0	0	0	0	553
DEC	0	160	383	39	0	1	0	0	583
YEAR	1034	4559	1825	167	0	1	0	0	7586

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
86.6	0	9.1	12.8	15.7	18.4	23.2	25.8	30.5	35.1	109	16.5



## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

[illegible]

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0 1 PARTS/MILLION													
		STATION -			NO 33003			LAWRENCE/KENNEDY			SCARBOROUGH					MONTH - FEB			75							
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	22	22	22	21	22	22	21	22	21	21	20	21	20	21	22	24	32	28	28	26	23	23	24	23	
2	22	23	23	22	22	23	22	22	23	24	23	22	21	21	22	22	22	22	22	22	23	22	22	21	21	
3	21	21	21	20	19	19	21	25	24	23	23	22	22	22	20	20	19	21	22	23	20	20	20	19	21	
4	19	19	18	18	18	18	19	19	19	19	19	19	20	20	20	20	20	20	20	20	20	20	20	20	20	
5																										
6																		36	36	36	37	40	37	35	36	
7	34	38	36	31	31	29	31	32	32	31	30															
8	20	20	20	20	19	20	19	19	20	21	21	20	20	20	21	20	20	20	19	19	19	19	19	19	20	
9	20	20	20	20	20	20	20	20	20	20	20	20	20	21	21	21	20	19	19	19	19	19	19	19	20	
10	19	19	19	19	19	19	20	24	24	23	22	21	22	22	22	22	23	25	25	25	25	23	21	25	31	
11	28	25	23	23	23	23	23	23	24	23	23	23	22	22	25	25	24	24	24	24	24	24	24	23	24	
12	24	24	22	22	22	22	22	22	23	23	23	23	22	22	21	21	21	23	25	26	25	25	23	22	22	
13	21	21	20	19	19	19	21	26	26	24	22	21	21	21	21	23	22	22	22	22	21	21	22	21	20	
14	20	20	19	20	21	20	22	23	22	21																
15	21	23	22	23	23	23	21	20	23	21	22	23	22	22	22	21	20	20	21	21	21	21	21	23	22	
16	22	23	22	22	23	22	22	22	22	22	22	21	21	21	22	23	23	23	24	23	26	25	23	23	25	
17	23	22	22	22	22	21	21	22	21	22	22	22	22	22	23	23	23	23	23	22	22	22	25	26	26	
18	25	24	24	23	23	22	25	27	27	28	27	26	24	24	22	25	28	26	26	28	27	26	28	26	26	
19	25	24	23	23	23	22	23	22	23	22	22	22	22	21	21	21	24	24	22	22	21	20	20	22	21	
20	21	20	20	19	19	19	22	25	24	23	23	23	23	22	21	21	23	22	22	22	22	22	22	22	23	
21	23	31	21	21	21	23	27	30	28	26	26	25	25	23	24	24	24	27	31	30	30	35	35	39	27	
22	36	21	27	27	29	29	27	27	27	24	25	27	28	28	29	28	28	28	28	28	27	26	26	29	28	
23	29	28	27	25	25	30	27	26	25	25	25	25	25	25	25	25	26	26	25	24	24	24	23	23	25	
24	23	23	24	23	23	23	24	27	25	26	26	26	26	30	27	27	27	25	27	26	24	24	23	23	22	
25	22	22	22	22	22	23	24	25	25	25	25	25	23	23	27	23	24	26	25	24	23	22	22	21	21	
26	21	20	20	20	19	19	19	20	21	22	23	22	22	23	22	22	23	22	22	21	21	21	21	21	20	
27	20	20	20	19	17	16																				
28																										
MEAN	23	23	22	22	22	22	23	24	24	23	23	23	23	23	23	23	23	24	25	24	24	24	23	24	24	23 2

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION												
STATION -													MONTH - MAR 75												
NO 33003													LAWRENCE/KENNEDY SCARBOROUGH												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	19	19	18	18	18	17	17	17	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
2	18	18	18	17	17	18	17	17	18	18	19	21	21	21	21	21	20	20	20	19	19	18	18	17	19
3	17	16	16	16	16	16	18	21	20	19	***	***	***	***	***	***	19	19	19	19	18	18	18	18	18
4	18	18	18	18	18	18	19	23	22	21	20	21	20	19	18	18	19	19	19	18	18	18	19	19	18
5	19	19	19	18	19	24	22	26	25	23	22	22	21	19	19	20	22	22	23	22	22	21	21	21	23
6	22	23	22	22	22	21	22	25	27	23	23	23	23	23	22	22	22	23	24	26	24	25	24	23	23
7	22	22	22	21	21	20	22	22	22	22	23	23	23	22	***	24	19	20	20	19	19	19	18	20	21
8	18	18	17	16	16	15	15	15	16	16	17	18	19	19	19	18	18	17	17	17	17	16	16	17	17
9	16	17	18	18	19	20	19	18	19	19	18	17	17	16	16	16	16	16	16	16	17	18	18	18	17
10	17	17	17	17	17	17	21	25	23	19	17	17	16	16	16	16	16	16	16	16	17	21	25	23	26
11	27	21	23	37	17	17	17	18	22	23	18	17	***	18	18	17	18	18	18	18	19	17	18	18	20
12	18	17	18	17	17	17	17	17	17	17	17	17	19	20	21	22	24	25	22	23	21	21	21	21	19
13	20	20	18	18	18	17	18	18	19	18	18	18	22	19	23	28	27	25	23	23	22	20	19	20	20
14	19	18	18	18	17	17	18	18	18	18	18	18	17	17	18	18	20	20	20	20	19	19	20	19	18
15	20	19	26	19	19	19	19	20	20	20	21	21	21	21	22	22	22	22	23	24	23	22	23	23	21
16	22	22	22	22	23	23	23	23	23	22	22	23	24	24	25	27	26	28	32	31	44	42	34	30	27
17	26	24	25	24	23	22	22	23	23	23	23	23	24	23	18	16	18	19	20	21	22	22	23	24	22
18	24	23	23	22	21	21	21	22	23	23	24	23	23	23	25	26	27	28	27	29	30	30	29	28	25
19	28	29	28	27	27	28	28	29	29	28	27	28	28	28	28	27	29	31	31	33	31	30	32	30	29
20	39	28	28	28	28	27	27	30	30	29	30	30	23	27	26	25	26	25	24	24	24	23	22	22	27
21	22	36	20	18	19	18	18	19	20	19	18	19	19	19	19	19	19	19	19	19	19	19	19	20	20
22	20	21	21	25	22	23	25	23	20	20	20	20	20	20	20	20	21	24	22	25	21	18	16	17	21
23	17	17	17	17	17	16	18	16	17	17	18	18	18	18	19	19	20	20	20	20	21	21	21	21	19
24	21	20	20	21	21	24	23	23	23	26	26	25	22	23	23	21	20	21	20	19	19	18	19	20	22
25	21	21	23	24	24	24	23	27	27	24	22	21	21	21	19	18	19	19	19	18	19	20	20	20	21
26	19	19	21	19	18	18	20	19	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
27	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
28	17	17	16	16	16	16	16	16	16	15	16	16	17	17	17	16	17	17	16	16	16	17	17	16	
29	18	17	17	17	17	17	17	17	17	17	21	21	21	19	19	18	18	17	18	17	18	17	17	17	18
30	16	16	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16	17	16	16	16	16	16	16	16
31	16	15	15	15	15	15	16	17	17	16	16	16	16	17	17	17	18	18	18	18	18	18	18	18	17
MEAN	21	20	20	20	19	19	20	21	21	20	20	20	20	20	20	20	20	21	21	21	21	21	21	20	20.4

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION												
STATION -		NO 33003			LAWRENCE/KENNEDY			SCARBOROUGH			MONTH - APR 75														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	18	18	19	17	17	17	18	18	18	18	18	18	18	19	18	19	21	21	21	19	19	18	21	19
2	18	17	17	17	17	17	18	19	17	17	17	17	***	18	16	16	16	16	17	18	18	18	18	19	17
3	21	21	21	18	19	19	19	19	20	21	22	25	23	24	24	25	26	24	25	23	23	23	24	22	22
4	23	23	21	20	21	20	22	23	22	21	21	24	30	33	30	29	23	22	23	22	22	22	26	24	24
5	20	24	20	19	19	19	20	20	21	22	22	22	22	24	24	25	24	26	22	21	21	21	22	21	22
6	21	21	22	20	20	19	21	20	21	20	20	21	22	24	24	22	20	19	19	19	18	18	18	18	20
7	18	18	18	17	17	17	19	21	21	21	21	18	23	24	23	22	25	22	22	21	21	20	19	20	20
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9	19	19	19	19	18	18	21	21	21	20	20	22	21	21	21	20	20	20	21	21	21	20	19	20	20
10	20	19	19	18	18	18	18	19	19	18	19	19	20	18	21	18	21	21	21	22	21	20	19	25	20
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12	19	18	25	26	17	17	17	17	17	18	19	19	21	20	20	20	27	22	21	21	20	19	18	19	20
13	19	19	18	18	18	17	17	17	17	19	19	19	20	20	21	20	19	19	18	19	19	20	21	21	19
14	20	19	19	19	19	22	25	27	26	24	22	21	21	21	20	20	20	20	20	21	23	25	27	24	22
15	20	19	19	19	19	19	19	20	21	19	19	19	23	22	21	22	24	28	25	24	23	22	22	22	21
16	21	21	21	21	22	24	24	25	24	23	24	23	23	23	23	23	24	24	24	25	24	24	25	26	23
17	25	25	23	23	23	22	24	26	24	22	23	25	25	24	23	23	22	21	20	21	21	20	21	22	23
18	22	22	20	21	20	21	21	21	21	20	21	21	***	23	23	28	25	25	24	22	21	21	21	22	22
19	22	22	18	17	19	19	24	22	21	21	21	19	21	21	19	19	18	18	20	19	19	18	18	20	20
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21	19	19	19	18	18	18	21	23	22	21	21	21	22	21	21	21	22	21	22	26	38	24	24	22	22
22	22	22	23	25	27	28	28	28	25	24	23	23	***	21	21	20	20	19	20	22	25	25	32	35	24
23	41	32	27	24	22	22	21	20	20	20	20	18	19	19	19	19	19	19	19	22	20	20	19	22	22
24	19	18	18	18	18	18	21	17	17	17	17	18	19	20	22	22	23	22	21	20	19	18	18	20	20
25	18	18	17	17	17	17	17	17	17	18	18	18	16	16	16	17	22	20	22	23	21	20	19	19	18
26	19	19	18	23	18	18	18	19	20	20	20	21	22	21	20	21	21	22	21	20	19	20	19	20	20
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29	29	18	17	17	18	18	19	19	18	19	20	21	19	19	20	19	18	18	17	18	18	18	18	19	19
30	18	18	18	18	18	19	20	21	21	22	22	22	22	22	22	21	21	20	20	20	20	19	19	18	20
MEAN	21	20	19	19	19	19	20	21	20	20	20	21	21	21	21	21	21	21	21	21	21	20	21	20	20



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION												
	STATION -												MONTH - MAY 75												
	NO 33003			LAWRENCE/KENNEDY			SCARBOROUGH																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	18	18	18	18	18	19	19	19	18	18	19	19	19	21	21	21	22	23	22	22	24	26	26	21
2	26	24	24	24	24	25	28	26	26	26	27	28	30	30	31	34	33	31	33	31	34	33	35	37	29
3	37	35	34	35	33	33	32	29	28	29	34	38	40	41	39	37	36	34	35	36	35	34	32	30	34
4	29	29	29	29	29	29	29	29	30	31	32	31	30	29	29	28	28	28	26	25	25	25	25	25	28
5	27	26	24	25	25	25	25	25	25	24	25	24	25	25	25	25	25	24	25	25	25	24	24	25	25
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7	28	27	26	26	26	30	32	29	27	26	30	***	20	19	18	17	17	19	18	19	21	21	18	18	23
8	16	15	14	14	15	16	17	18	17	16	***	***	31	29	27	24	23	21	22	27	32	28	25	22	21
9	46	25	27	21	20	22	28	21	20	18	19	18	19	19	19	19	18	20	25	23	21	20	19	20	22
10	23	18	17	17	17	17	20	17	17	18	18	18	19	18	17	17	17	17	19	23	23	26	27	31	20
11	34	38	34	30	33	28	28	22	20	19	19	19	18	17	16	16	16	15	16	17	21	20	19	19	22
12	20	23	26	27	24	23	21	19	18	17	16	15	16	16	15	16	17	17	22	21	19	20	20	18	19
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15	22	21	22	22	21	21	22	21	20	20	20	20	19	19	19	20	20	20	21	23	27	24	22	34	22
16	20	19	18	18	18	19	22	22	21	21	21	21	22	22	21	23	21	22	24	24	26	29	21	19	21
17	20	20	24	21	22	23	20	19	19	19	18	18	19	19	19	19	18	18	18	17	17	17	17	19	19
18	18	19	22	24	26	31	22	21	20	20	20	21	21	21	21	21	20	21	20	20	21	21	23	22	21
19	24	25	27	29	28	25	24	23	23	23	23	22	22	21	21	21	20	21	20	21	26	23	26	26	24
20	23	22	20	20	21	23	24	24	25	26	24	23	23	23	23	23	23	22	22	24	25	24	23	23	23
21	24	27	27	27	27	26	28	32	28	24	24	23	***	24	24	25	25	24	24	26	25	23	21	21	25
22	19	21	24	22	23	22	29	28	24	25	26	25	25	24	23	23	24	23	22	24	27	27	29	35	25
23	39	38	32	26	24	25	29	25	24	24	23	22	23	22	18	19	21	25	29	31	38	34	38	27	27
24	40	28	24	21	20	21	20	19	19	19	20	20	20	19	19	19	19	19	20	23	25	23	20	19	22
25	19	19	19	19	18	18	18	19	19	19	19	19	19	18	19	18	18	18	18	18	18	18	18	18	18
26	21	24	21	21	21	22	25	24	23	22	22	22	22	21	21	22	22	23	23	23	22	21	21	20	22
27	21	20	20	19	18	19	20	20	19	19	19	***	***	22	23	22	22	22	21	19	19	20	19	18	20
28	19	19	18	18	18	20	23	22	20	19	20	21	21	20	21	21	27	22	23	24	25	26	25	27	22
29	30	26	30	26	25	24	23	22	20	20	20	19	19	17	18	18	18	18	18	18	18	18	17	17	21
30	17	17	16	16	16	17	19	22	25	24	23	22	20	19	20	23	22	19	19	19	19	21	21	19	20
31	20	19	18	18	18	18	19	20	19	18	18	19	18	19	20	20	20	21	21	20	19	20	19	20	19
MEAN	25	23	23	22	22	23	24	23	22	22	22	22	22	22	22	22	22	22	22	23	24	24	24	24	22.8

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION												
	STATION -												MONTH - JUN 75												
	NO 33003					LAWRENCE/KENNEDY				SCARBOROUGH															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	19	18	17	16	16	17	17	17	17	18	18	18	19	18	18	18	19	19	19	19	17	17	17	18
2	17	17	17	17	17	19	22	21	19	21	22	22	19	19	20	19	20	19	19	20	21	19	19	20	19
3	20	19	18	17	17	16	18	17	17	17	17	17	18	17	17	16	16	16	18	21	27	28	29	35	20
4	35	32	30	30	31	35	36	26	22	21	20	22	***	20	19	19	20	20	19	19	20	21	21	20	24
5	18	18	18	18	17	17	17	18	18	18	18	16	17	17	17	17	18	17	18	20	24	30	34	34	20
6	28	26	25	23	25	26	29	26	21	21	20	21	19	19	19	20	19	19	19	19	18	18	17	17	21
7	17	16	16	16	16	15	16	18	19	19	19	19	19	19	18	18	17	17	17	17	16	17	16	17	
8	16	16	16	16	16	17	16	16	17	17	16	17	17	17	17	17	18	18	19	18	25	18	18	17	17
9	17	17	16	16	16	17	20	19	17	17	17	17	17	17	17	17	17	16	16	17	16	15	16	16	17
10	18	25	21	21	23	25	23	19	17	17	17	16	15	15	18	17	16	15	15	15	16	15	15	14	18
11	14	14	15	16	15	15	15	15	15	15	15	15	17	16	16	16	15	16	16	17	16	16	15	15	15
12	14	14	14	14	14	15	18	19	18	18	18	18	18	18	18	18	18	17	17	18	17	15	16	18	17
13	16	16	17	17	16	17	19	20	18	18	18	18	17	16	16	17	17	17	18	23	25	27	31	19	
14	22	21	22	19	19	18	18	19	19	19	20	20	19	19	20	20	19	19	19	19	20	22	21	20	20
15	20	20	20	21	21	21	20	20	20	20	21	21	21	21	21	20	20	20	21	21	20	19	20	19	20
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17	24	23	22	21	22	22	22	21	22	21	22	22	22	20	21	21	20	20	20	20	21	22	22	23	22
18	23	22	22	21	20	21	23	25	24	22	22	22	18	15	15	16	16	16	16	16	17	21	22	19	20
19	18	16	17	22	19	18	20	18	20	21	20	19	19	19	19	20	19	18	19	27	18	19	18	17	19
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21	29	28	26	26	23	20	17	16	16	15	15	15	15	15	15	15	13	14	15	15	16	17	21	18	18
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24	17	17	17	17	18	20	24	22	19	19	19	18	28	20	20	21	20	20	19	19	19	18	18	20	20
25	17	16	15	15	15	16	17	16	15	15	15	15	15	15	15	14	14	14	14	15	18	22	21	19	16
26	20	19	18	15	16	17	17	16	16	16	16	16	16	15	16	15	15	15	15	15	15	16	17	17	16
27	16	17	16	17	18	23	18	16	16	16	16	16	16	16	15	15	14	15	14	14	15	16	17	17	16
28	18	19	18	18	18	19	17	15	16	17	17	17	17	17	16	16	15	16	15	16	16	20	23	27	18
29	22	18	18	18	17	16	16	14	14	15	16	17	17	16	16	15	15	15	14	15	17	16	17	17	16
30	15	15	17	17	16	16	16	15	15	16	17	16	17	17	17	16	16	16	15	16	18	21	28	29	17
MEAN	19	19	19	19	19	19	20	19	18	18	18	18	18	18	18	18	17	17	18	18	19	20	20	21	18.7



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION													
		STATION -												MONTH - JUL 75												
		NO 33003					LAWRENCE/KENNEDY				SCARBOROUGH															
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	25	24	22	21	21	21	20	18	17	18	18	18	19	19	19	19	19	19	19	20	22	23	27	27	27	27
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3	30	30	29	29	30	30	32	35	35	34	32	30	27	28	28	27	27	28	26	29	32	33	34	33	33	30
4	34	33	32	32	32	34	34	32	30	31	32	32	33	33	33	34	35	35	34	34	35	35	34	33	33	30
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7	35	36	36	38	38	38	39	39	39	39	40	39	38	38	39	44	19	20	18	18	18	18	18	20	22	32
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12	29	22	20	21	22	22	22	22	20	18	18	18	19	18	18	16	17	17	18	18	18	18	19	22	22	20
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14	18	18	18	19	19	22	22	23	22	22	20	20	21	20	20	20	20	19	18	18	18	18	19	19	18	17
15	22	21	21	25	29	30	30	28	31	27	25	24	23	22	22	21	21	21	21	21	22	21	24	25	24	20
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17	26	25	30	30	29	33	33	30	28	25	27	26	27	34	36	35	33	32	32	33	33	33	34	34	31	29
18	33	32	31	30	30	29	29	29	29	28	28	28	28	28	28	27	27	27	27	27	29	29	31	30	30	29
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21	26	25	25	25	25	27	27	27	27	24	23	22	21	18	19	19	20	20	20	23	24	23	22	22	23	23
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24	12	13	12	11	10	10	12	14	17	18	19	21	21	19	20	19	18	18	19	16	17	16	15	15	16	16
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26	22	21	18	18	20	21	18	17	17	17	18	19	20	20	18	18	16	16	16	18	19	17	16	16	18	18
27	15	15	15	15	15	16	17	18	18	18	20	21	21	20	24	20	19	16	18	19	18	22	17	16	18	18
28	16	17	17	18	19	20	22	25	23	22	23	21	21	20	20	19	19	19	19	18	18	19	26	20	22	20
29	21	22	23	23	24	25	25	26	24	24	26	25	25	24	23	21	21	21	21	22	23	24	26	23	23	23
30	20	19	19	19	18	19	22	23	21	22	23	24	24	24	24	25	23	22	21	24	27	28	28	23	23	23
31	24	23	23	23	23	24	25	25	24	24	24	24	24	24	24	25	23	23	22	22	23	23	24	25	24	23
MEAN	24	23	23	23	23	24	25	25	24	24	24	24	24	24	24	25	23	23	22	22	23	23	24	25	24	23
																										6

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

		POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION												
		STATION -				NO 33003				LAWRENCE/KENNEDY				SCARBOROUGH				MONTH - AUG				75				
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	23	21	21	20	23	23	25	24	24	25	25	24	23	22	22	21	21	21	20	21	26	29	26	23	23
2	24	25	22	24	29	26	28	26	23	21	22	23	21	21	21	20	20	20	19	19	20	21	24	23	19	23
3	20	20	20	17	17	17	17	17	18	19	18	17	18	19	18	17	16	16	16	17	18	20	23	25	18	20
4	24	20	21	19	19	19	18	18	18	21	21	19	19	19	21	20	19	19	18	16	17	18	20	23	25	18
5	21	20	18	17	17	18	21	21	19	19	18	19	19	19	17	19	19	20	20	21	20	21	19	23	22	20
6	16	16	15	14	14	14	15	16	15	15	15	15	15	14	14	13	15	15	15	15	20	21	19	18	18	19
7	31	19	17	16	15	15	15	15	15	15	15	15	15	16	16	16	15	14	14	15	17	14	15	16	17	15
8	22	17	16	16	15	17	20	22	18	16	16	16	16	16	17	17	16	16	16	17	17	17	18	18	17	17
9	18	18	18	17	16	16	17	18	18	18	18	18	18	17	17	16	16	17	16	17	17	17	17	18	18	17
10	17	16	16	15	15	15	15	15	15	15	15	16	16	17	17	16	16	16	16	15	18	17	16	16	16	16
11	16	18	15	14	14	15	16	16	16	17	17	17	18	18	18	17	17	15	14	16	17	18	18	19	18	17
12	17	16	16	15	15	17	19	18	16	16	16	16	18	18	18	20	19	19	19	19	22	22	23	25	19	19
13	26	27	26	23	22	22	23	22	24	22	23	21	22	21	21	21	21	21	22	21	21	22	22	21	19	22
14	17	17	17	17	18	19	19	18	19	19	19	20	20	22	22	19	20	22	21	21	23	22	23	21	21	20
15	68	17	17	18	21	25	28	28	25	20	19	18	18	17	17	17	17	17	17	16	17	18	18	21	22	22
16	20	18	16	16	16	17	17	17	15	15	16	16	16	14	15	15	15	15	14	15	15	16	16	16	18	16
17	20	23	22	24	25	17	19	21	23	21	19	18	17	17	16	16	16	15	16	16	16	16	16	15	15	19
18	14	14	14	14	14	15	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	15	15	15
19	17	18	19	19	19	21	23	22	21	20	20	20	20	17	17	20	21	21	22	22	21	20	21	19	20	20
20	17	17	16	16	16	19	25	21	18	20	22	20	19	19	17	17	18	18	18	18	17	18	19	75	21	21
21	18	47	18	18	18	24	28	23	22	20	21	20	20	17	17	19	21	25	29	30	20	19	20	15	22	22
22	17	18	18	17	17	18	21	20	20	21	20	20	20	20	20	17	17	16	16	19	25	26	27	29	20	20
23	26	25	27	29	22	19	20	19	19	18	18	18	18	17	17	17	17	16	17	17	17	17	15	17	18	19
24	17	18	19	21	21	19	24	25	23	18	21	22	19	19	19	19	19	16	18	22	22	21	24	22	20	20
25	24	23	17	21	21	23	26	29	27	25	26	26	27	29	27	25	24	23	25	24	23	25	26	28	25	25
26	25	25	21	20	22	26	29	27	23	25	25	24	23	25	25	28	25	24	23	25	26	28	28	28	20	20
27	22	22	21	21	19	22	25	24	22	22	23	23	22	23	22	23	22	23	22	23	27	32	31	26	23	25
28	25	28	26	23	34	25	30	27	24	22	24	21	21	21	21	20	20	19	19	20	17	16	17	18	22	22
29	17	20	18	17	17	16	17	17	17	17	18	18	16	15	15	16	16	15	15	16	17	16	16	16	16	16
30	15	17	16	15	15	15	16	16	16	16	16	17	17	16	16	16	16	17	18	21	19	21	19	17	17	17
31	17	16	16	16	16	16	17	18	17	17	17	17	16	17	17	17	17	17	17	17	18	17	17	17	17	17
MEAN	22	21	19	18	19	19	21	21	20	19	20	19	19	19	18	18	18	18	18	19	19	20	20	21	22	19



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION												
	STATION -			NO 33003									LAWRENCE KENNEDY			SCARBOROUGH			MONTH - SEP			75			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	16	15	15	15	16	16	15	16	16	16	16	16	15	16	15	15	15	16	17	18	18	18	17	16
2	17	18	19	18	22	25	31	24	21	21	21	20	***	22	22	22	21	21	22	21	21	18	19	21	21
3	18	16	16	17	18	18	23	21	17	18	18	19	19	18	19	19	19	19	20	21	21	27	22	26	20
4	26	23	19	19	17	20	24	21	22	18	18	18	***	26	18	18	18	17	17	17	16	16	16	16	20
5	18	17	15	16	18	24	27	24	20	20	25	21	20	18	18	23	26	25	30	19	19	16	16	17	
6	18	16	17	23	17	16	17	17	18	17	17	17	17	16	15	16	16	17	17	17	15	15	15	15	
7	16	15	15	15	15	14	15	15	15	16	17	16	15	15	15	15	16	15	15	15	15	14	14	13	
8	15	16	16	16	17	18	22	21	19	18	17	16	16	15	16	17	15	16	19	18	17	16	16	15	
9	14	13	13	13	13	14	17	17	16	16	15	15	17	16	16	17	17	26	19	18	17	16	16	15	
10	17	18	15	18	17	22	27	24	19	20	19	17	16	15	13	13	14	13	13	14	13	14	14	14	
11	17	20	22	24	24	25	19	18	18	18	17	18	18	17	17	19	17	17	17	17	16	18	17	16	
12	15	15	15	13	13	15	18	16	15	15	15	17	15	20	19	19	20	19	20	16	14	14	13	14	
13	14	13	13	12	13	14	14	14	15	15	16	16	15	15	15	14	14	15	15	15	14	14	14	15	
14	12	13	13	13	13	13	13	14	13	13	14	15	15	15	14	15	14	15	17	18	23	26	23		
15	17	17	23	20	24	34	38	32	19	19	17	15	15	15	15	16	16	17	18	18	21	22	21		
16	15	15	16	21	28	22	33	26	30	34	31	30	32	23	18	16	16	16	20	27	28	30	29		
17	26	27	28	30	31	37	34	36	20	18	16	16	17	17	16	15	12	15	16	15	15	15	14		
18	14	14	14	14	14	15	16	15	14	15	***	17	17	17	17	17	17	17	16	16	16	16	16		
19	16	16	16	16	16	19	24	23	22	22	21	19	19	20	19	18	18	24	24	24	21	20			
20	19	20	21	20	19	19	19	20	18	18	19	18	18	18	18	18	18	18	18	18	18	19	20		
21	20	18	19	18	18	17	17	17	19	18	19	19	18	18	17	17	17	18	17	17	16	16			
22	16	16	16	17	17	19	20	20	18	18	18	18	19	19	18	19	18	18	18	18	19	20			
23	22	20	21	18	20	23	28	***	19	19	18	18	17	16	17	18	18	18	17	18	17	16			
24	16	16	15	15	15	16	16	17	17	17	17	17	17	18	18	16	16	15	15	16	15	16			
25	17	17	16	16	16	16	16	18	18	18	18	***	21	22	22	22	22	21	21	20	20				
26	19	20	21	20	21	21	21	21	21	24	26	28	28	27	26	28	29	27	25	24	23				
27	22	20	20	19	19	19	21	22	22	22	22	22	23	22	22	24	23	22	24	24	26				
28	21	21	20	20	20	19	20	20	21	21	22	22	22	22	23	23	23	25	30	31	28				
29	23	26	29	33	33	40	50	38	26	25	25	27	26	***	20	20	20	19	20	20	19				
30	17	20	21	20	20	23	24	24	23	23	22	22	22	22	22	22	22	23	22	23	23				
MEAN	18	18	18	18	19	20	22	21	19	19	19	19	19	18	18	18	18	19	19	19	19	20	20	18	
																								19	

NOTES 1 0 0 0 0 INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2 - INDICATES DATA IS UNAVAILABLE  
3 1 0 0 0 0 INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION																							
	STATION -												MONTH - OCT 75																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN											
1	21	19	19	19	20	23	26	25	25	25	23	21	21	21	21	21	20	20	21	20	19	18	18	17	21											
2	18	18	17	17	17	18	22	20	20	21	20	22	21	21	18	19	19	20	21	20	19	20	19	21	19											
3	19	19	19	19	18	20	23	24	21	20	21	20	20	17	18	20	20	19	19	18	18	17	17	16	19											
4	17	18	18	18	22	19	22	24	22	19	19	20	18	18	18	17	17	16	16	17	18	17	17	18	19											
5	16	17	17	17	17	17	18	18	18	18	19	19	20	19	19	19	19	19	20	21	21	20	20	19	19											
6	19	19	20	19	18	19	19	21	20	19	19	19	19	16	17	18	18	18	20	18	18	17	16	19	19											
7	15	14	15	15	14	17	19	17	16	16	16	16	16	17	17	17	17	19	18	18	31	28	36	33	19											
8	40	35	36	31	33	35	54	54	34	28	24	26	21	17	17	17	16	17	16	16	16	16	16	16	27											
9	16	16	15	16	16	16	16	16	16	16	16	16	17	16	16	16	16	17	17	17	17	16	17	16	16											
10	17	17	17	17	17	21	29	29	25	22	22	19	19	20	20	21	22	23	25	22	20	19	20	17	21											
11	17	17	17	18	20	21	23	19	18	18	17	17	17	17	17	17	15	16	15	15	15	15	15	16	17											
12	16	15	15	14	14	15	15	16	16	17	17	18	17	16	17	17	16	17	17	17	17	16	18	19	16											
13	21	22	23	20	20	21	20	21	19	17	17	18	17	18	19	19	20	22	24	30	46	32	25	20	22											
14	19	18	17	17	17	18	19	19	17	17	17	17	16	15	15	16	16	16	16	15	16	18	21	29	18											
15	36	35	33	26	25	28	34	30	26	24	22	22	20	19	20	21	21	23	23	21	21	20	19	18	24											
16	16	15	15	14	14	14	14	17	17	17	17	17	13	13	13	13	15	14	15	15	15	16	15	14	15											
17	13	13	15	15	14	15	16	17	15	14	14	14	14	13	13	13	14	14	14	14	13	13	13	13	14											
18	13	14	14	15	15	15	16	15	14	14	14	14	15	14	14	14	14	14	13	13	14	14	16	17	15											
19	13	13	13	12	12	12	13	13	13	13	13	13	13	14	13	14	14	14	13	13	14	14	16	17	15											
20	14	15	14	14	14	15	17	17	18	18	18	17	17	17	17	20	18	18	18	18	17	17	17	16	17											
21	16	15	15	15	15	17	19	19	18	19	18	19	19	19	19	21	25	29	26	23	24	23	24	24	20											
22	23	23	21	19	17	18	22	23	20	20	19	19	18	20	21	21	20	21	23	21	23	18	16	16	20											
23	17	17	16	16	16	16	17	18	19	18	21	22	21	21	21	21	21	21	22	22	20	21	25	32	20											
24	34	28	27	28	28	27	26	26	25	23	22	19	- DATA INVALID -																							
25																																				
26																																				
27																																				
28	28	26	31	35	27	30	33	33	32	33	29	25	25	23	21	17	17	16	16	18	20	26	32	30	25											
29	18	20	17	16	15	15	16	20	20	18	20	18	17	17	20	19	19	19	20	19	17	17	17	25	18											
30	16	16	15	15	14	14	15	16	16	16	16	17	- DATA INVALID -																							
31	25	46	24	22	18	20	22	27	26	18	16	15	15	15	14	14	14	15	17	17	15	15	15	15	19											
MEAN	20	20	19	19	18	19	22	22	20	19	19	19	18	17	17	18	18	18	19	19	20	19	19	19	19 0											

NOTES	1	INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE
	2	* INDICATES DATA IS UNAVAILABLE
	3	INDICATES LESS THAN 2 3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION												
STATION -			NO 33003			LAWRENCE/KENNEDY			SCARBOROUGH			MONTH - NOV 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	15	15	15	15	15	15	15	15	15	14	15	15	15	15	15	15	15	15	15	15	15	15	17	15
2	17	18	16	15	16	16	18	20	18	17	15	16	16	17	15	15	17	20	20	18	15	16	15	16	17
3	16	17	17	17	16	16	20	28	23	19	20	19	18	19	20	21	21	20	18	16	16	15	14	19	19
4	14	13	14	13	13	13	15	17	15	14	15	15	15	16	16	16	19	17	15	14	15	14	14	15	15
5	15	14	14	13	14	14	17	22	20	17	17	18	16	17	19	20	24	26	33	31	24	21	23	23	20
6	18	17	16	15	15	17	19	19	21	21	23	25	29	29	**	25	29	34	39	29	30	33	32	23	25
7	28	25	23	17	17	17	15	15	17	18	17	17	21	22	20	19	22	20	17	17	18	18	17	17	19
8	17	17	16	16	16	15	15	14	15	16	17	17	17	17	17	16	16	16	15	16	16	18	19	23	17
9	27	31	32	41	33	21	19	15	14	12	12	13	13	14	14	13	13	13	13	13	12	12	12	12	18
10	12	12	12	13	13	12	13	15	14	14	14	15	16	20	14	14	14	14	13	13	13	13	13	13	14
11	12	13	13	13	13	13	14	16	17	15	14	13	13	13	13	15	20	23	21	21	20	23	28	28	17
12	23	16	15	14	13	14	14	15	16	14	13	13	14	14	14	14	15	16	18	20	36	37	22	14	17
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14	14	14	13	14	15	13	15	18	17	16	16	17	**	16	15	16	17	18	17	18	15	14	14	13	15
15	15	15	14	13	13	13	16	17	18	16	16	15	15	14	14	13	14	14	14	15	16	15	14	14	15
16	17	15	15	13	12	12	11	12	12	12	12	12	12	12	12	12	15	17	19	17	17	20	25	25	15
17	25	23	21	18	21	29	33	42	49	31	22	22	22	18	19	22	27	24	20	17	15	16	16	15	24
18	16	16	17	18	18	22	54	41	55	46	24	18	19	18	19	19	16	14	14	14	14	14	14	14	22
19	14	16	15	15	14	14	14	16	16	15	17	18	20	17	16	19	20	23	20	22	23	26	41	51	20
20	44	42	53	59	45	42	43	44	49	36	38	23	21	18	16	17	16	15	15	15	15	15	14	13	30
21	13	13	13	13	15	13	14	15	16	15	14	14	15	14	15	15	15	16	14	14	14	14	14	14	14
22	14	13	13	13	13	13	13	13	14	24	14	13	13	14	13	13	15	13	13	13	13	12	13	13	14
23	13	14	13	13	14	13	13	12	12	12	11	12	12	12	12	12	12	12	13	14	13	13	16	16	13
24	16	16	13	12	15	12	16	17	16	13	12	13	13	13	12	13	15	16	15	15	16	15	14	15	14
25	13	14	14	13	13	13	13	14	14	13	13	13	13	14	14	14	14	14	14	14	13	14	14	13	14
26	13	13	13	13	13	13	13	14	14	15	14	14	14	14	14	13	13	14	13	14	13	13	13	13	13
27	13	14	14	14	15	15	15	15	16	16	17	16	17	16	17	18	19	18	18	17	17	17	17	17	16
28	15	15	15	14	14	15	17	19	18	16	16	16	15	16	17	17	16	24	25	20	24	26	28	30	34
29	28	24	29	34	26	14	15	15	15	15	15	15	15	15	15	14	14	14	14	14	15	14	15	14	17
30	14	14	14	13	13	13	13	13	14	14	13	13	13	13	13	13	13	12	13	13	13	13	14	14	13
MEAN	18	17	17	17	17	16	18	19	20	18	16	16	16	16	15	16	17	18	17	17	17	18	18	18	17.2

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION												
STATION -			NO 33003			LAWRENCE/KENNEDY			SCARBOROUGH			MONTH - DEC 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	14	14	14	15	15	16	16	16	16	16	15	16	16	16	15	17	17	16	16	16	17	17	16	16
2	15	15	15	15	15	15	16	18	24	21	16	15	13	13	16	16	18	21	22	19	19	18	17	15	17
3	14	13	13	12	12	13	15	18	16	14	15	15	14	14	13	15	18	20	21	18	18	19	16	14	15
4	13	13	12	13	13	14	13	14	15	14	13	12	12	11	11	11	12	12	12	11	12	12	12	12	12
5	12	12	12	19	21	20	16	23	30	30	19	18	19	17	21	21	20	20	17	17	16	15	14	12	18
6	12	13	12	12	12	12	12	12	13	14	15	29	16	29	17	21	17	16	15	14	13	13	12	12	15
7	13	13	12	12	12	13	14	13	12	12	12	12	12	12	12	12	12	12	13	13	13	13	13	14	13
8	12	12	12	12	14	16	14	14	14	14	13	13	13	13	14	14	14	14	14	13	13	13	13	14	14
9	13	13	13	12	12	12	13	13	13	13	13	12	13	13	13	13	13	13	13	13	13	13	13	14	14
10	17	18	20	17	14	14	17	18	16	14	14	14	***	***	14	16	18	16	16	16	16	17	18	20	13
11	15	15	15	15	15	14	15	19	18	17	16	16	16	16	17	19	23	18	19	21	19	19	19	17	17
12	16	15	15	15	13	13	14	14	15	14	14	15	14	14	15	15	16	17	16	16	16	15	15	15	15
13	14	14	14	14	14	14	14	14	14	14	15	15	14	14	15	15	15	15	15	15	17	18	18	18	15
14	18	18	18	18	16	15	16	16	15	15	15	15	15	14	14	14	15	13	13	13	13	13	13	12	15
15	12	12	12	12	12	13	15	17	17	16	16	16	16	17	21	16	17	17	15	16	14	14	13	14	15
16	13	13	13	12	12	12	14	16	21	15	14	13	14	15	15	14	13	13	13	13	13	13	13	13	14
17	12	14	15	15	14	15	15	18	18	16	15	14	14	***	14	15	15	15	15	15	15	15	15	15	15
18	15	14	14	14	14	15	16	17	17	16	17	16	14	14	15	16	17	17	16	18	15	15	15	14	15
19	14	14	14	14	14	14	16	20	17	15	15	15	15	15	16	16	16	16	16	16	16	15	15	15	15
20	14	14	14	13	13	14	14	14	14	14	14	15	14	14	14	15	15	14	14	14	14	14	14	14	14
21	14	14	14	13	14	14	14	14	14	14	15	14	15	14	14	13	16	17	17	15	18	16	18	18	15
22	18	18	16	16	17	18	21	31	48	38	37	36	26	25	19	17	18	18	18	16	14	14	15	14	22
23	13	13	11	11	11	12	12	16	18	15	15	15	14	14	48	50	38	44	42	42	41	47	42	42	26
24	38	34	34	32	33	32	39	44	47	44	43	42	41	37	36	42	36	41	41	42	42	40	40	40	39
25	36	35	32	35	37	33	38	31	35	32	32	32	31	31	30	29	29	33	29	31	34	32	30	31	32
26	31	33	34	33	31	32	35	36	35	34	33	40	36	38	34	37	33	37	38	40	36	40	41	40	36
27	37	35	37	37	29	28	39	43	38	28	31	35	37	50	50	45	39	37	31	29	37	33	33	34	36
28	35	42	34	35	37	42	39	37	36	37	36	36	36	34	37	33	30	30	30	31	32	32	32	34	35
29	33	32	31	31	32	34	36	41	46	46	37	22	20	21	22	24	23	24	26	23	23	23	25	27	29
30	26	26	27	23	24	24	27	27	30	31	32	32	32	32	34	33	23	20	19	14	11	11	10	9	24
31	8	8	7	8	8	8	12	14	16	14	15	17	14	11	10	11	11	11	11	11	12	12	11	11	11
MEAN	18	18	18	18	18	18	20	21	23	21	20	20	19	20	21	21	20	20	20	19	19	19	19	19	19



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	28	23.5	28	38
FEB	21	23.2	28	40
MAR	29	20.4	29	44
APR	30	20.6	24	41
MAY	31	22.8	34	46
JUN	30	18.7	24	36
JUL	29	23.6	36	44
AUG	31	19.5	25	75
SEP	30	19.1	26	69
OCT	27	19.0	27	54
NOV	30	17.2	30	59
DEC	31	19.6	39	50
YEAR	347	20.5	39	75

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141 - 200	201 & OVER	TOTAL
JAN	0	96	567	30	0	0	0	0	693
FEB	0	53	480	26	0	0	0	0	559
MAR	0	372	320	13	0	0	0	0	705
APR	0	302	405	8	0	0	0	0	715
MAY	0	220	457	60	0	0	0	0	737
JUN	0	494	215	10	0	0	0	0	719
JUL	2	264	318	131	0	0	0	0	715
AUG	0	439	284	5	2	0	0	0	730
SEP	0	467	226	20	1	0	0	0	714
OCT	0	445	191	28	0	0	0	0	664
NOV	0	588	94	36	0	0	0	0	718
DEC	9	528	63	141	0	0	0	0	741
YEAR	11	4268	3620	508	3	0	0	0	8410

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
96.0	7	14.1	16.8	18.9	21.6	27.3	31.2	35.6	38.7	75	20.5



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS														UNITS - 0.1 PARTS/MILLION											
STATION - NO 34002 SC CTR 770 DON MILLS RD TORONTO														MONTH - JAN 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10		15	16	16	16	16	17	16	18	18	18	18	19	19	21	21	17	18	19	19	19	18	16	16	16
11		18	17	18	16	17	16	15	16	16	16	16	16	16	17	17	16	17	17	16	16	16	16	16	16
12		15	15	15	15	15	15	15	15	15	16	16	16	16	16	16	16	16	16	15	15	16	16	16	16
13		16	17	17	16	16	16	16	17	17	16	16	16	16	16	16	16	16	16	18	18	19	20	19	18
14		18	18	17	17	17	17	17	19	20	20	19	19	17	18	19	19	19	17	18	17	17	19	20	18
15		18	18	18	17	17	19	19	20	21	22	20	19	19	20	22	20	19	19	20	19	19	19	19	19
16		20	20	20	18	19	18	18	21	23	21	19	20	19	17	19	18	19	21	19	19	18	22	19	19
17		27	24	23	28	30	31	32	37	41	31	24	22	21	21	21	19	20	22	20	19	19	20	19	25
18		18	18	19	18	18	18	18	18	18	18	18	19	19	19	20	21	21	21	21	20	19	19	19	19
19		18	18	18	17	17	17	17	17	18	18	17	17	16	16	16	16	16	17	16	16	17	17	17	17
20		17	17	17	17	17	17	17	20	21	21	22	22	18	17	19	16	17	16	15	15	14	15	14	15
21		15	15	15	15	14	14	15	15	15	16	16	17	18	18	18	18	16	16	17	16	15	17	16	16
22		16	16	15	14	14	14	14	14	14	15	15	15	15	15	16	16	18	19	17	18	17	17	18	16
23		17	16	18	34	29	21	21	31	34	25	19	18	17	17	16	16	17	16	17	16	16	17	18	20
24		18	18	19	18	20	19	18	21	24	22	20	21	19	18	18	17	18	19	20	20	21	19	19	19
25		17	18	18	18	20	21	18	18	19	18	19	19	18	17	17	17	17	20	23	17	14	14	14	18
26		14	14	15	14	14	14	14	14	14	15	14	14	14	14	14	14	14	14	14	14	13	14	14	14
27		14	14	14	14	14	16	17	16	20	20	16	16	15	16	18	19	20	19	17	17	17	17	18	17
28		18	19	19	18	19	19	20	20	22	21	20	22	24	20	18	18	19	18	18	17	18	17	18	19
29		19	17	16	16	16	16	17	18	18	19	21	23	22	26	21	18	18	18	15	14	14	14	14	18
30		14	14	14	14	14	15	16	16	16	16	17	19	15	16	16	16	17	18	17	17	17	21	23	34
31		20	20	19	18	19	23	19	25	25	22	20	16	15	15	15	15	15	16	15	15	15	15	15	18
MEAN		17	17	17	18	18	18	19	20	19	18	18	18	18	18	18	18	18	18	18	17	17	17	18	17.9

- NOTES 1 \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2 - INDICATES DATA IS UNAVAILABLE  
 3 \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS														UNITS - 0.1 PARTS/MILLION											
STATION -			NO 34002 SC CTR 770 DON MILLS RD TORONTO											MONTH - FEB 75											
HOUR DAY -	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	18	19	16	15	19	17	20	22	17	18	17	16	16	16	15	15	15	16	31	23	17	17	35	19
2	18	18	25	29	26	32	26	29	25	19	18	16	16	15	15	15	15	16	31	33	22	18	19	17	21
3	17	17	17	16	15	15	15	17	17	16	16	16	15	16	14	15	16	16	15	15	15	15	15	15	16
4	15	15	15	15	15	14	15	16	17	17	17	18	18	19	18	15	16	15	15	22	14	14	15	15	16
5	14	14	14	15	16	17	20	21	21	21	20	19	18	19	19	19	19	19	19	19	18	17	17	17	18
6	17	17	17	16	16	18	22	45	31	22	19	22	26	21	19	18	18	18	19	21	22	20	19	17	21
7	16	17	15	15	15	15	15	15	16	16	16	16	16	16	16	16	17	16	17	17	17	17	18	17	16
8	16	16	15	15	16	16	16	16	16	16	16	16	16	16	16	16	15	15	16	16	16	16	16	16	16
9	16	16	15	15	15	14	15	15	15	15	15	16	16	16	15	15	15	15	15	15	16	16	16	17	15
10	17	17	17	17	17	17	18	19	21	22	20	19	18	20	19	17	17	19	19	17	16	17	18	18	18
11	25	23	19	18	17	16	16	17	19	18	18	18	18	17	16	16	17	19	19	18	18	19	18	18	18
12	18	17	17	16	16	16	16	17	17	17	17	17	17	15	15	15	15	17	17	18	17	17	16	14	16
13	14	14	14	14	14	14	14	16	16	15	14	14	15	14	14	14	14	14	14	14	17	15	16	16	15
14	14	14	14	14	13	13	14	14	14	14	14	14	14	14	14	14	16	15	15	14	15	14	14	14	14
15	14	14	45	49	30	27	29	28	29	21	15	16	15	15	15	15	16	16	16	17	18	22	16	18	22
16	16	16	16	16	15	15	14	15	15	15	15	14	14	14	14	14	15	16	16	17	22	28	19	25	31
17	31	34	33	34	32	23	17	17	16	16	16	16	15	16	18	17	17	17	17	16	17	18	19	19	21
18	19	19	20	19	19	19	19	19	21	25	21	21	22	22	22	24	19	19	19	20	20	19	21	22	21
19	21	20	19	18	19	19	19	18	19	22	21	18	18	16	15	19	14	15	15	14	14	15	16	16	17
20	16	17	16	15	15	16	16	17	19	21	19	17	18	18	17	16	16	17	18	18	17	18	21	19	17
21	21	20	21	21	20	26	33	24	26	24	23	23	22	22	21	21	22	23	23	24	29	46	55	58	27
22	67	59	53	60	77	64	38	51	55	31	23	22	22	22	22	22	22	22	23	23	21	21	22	32	36
23	49	37	27	24	22	22	22	22	20	21	21	22	21	21	21	21	22	21	20	19	18	18	18	18	23
24	18	18	18	18	19	19	19	21	20	21	20	21	21	21	20	20	19	21	19	18	21	20	19	17	20
25	17	18	18	17	17	17	17	16	17	17	17	17	17	18	18	18	18	17	18	18	18	17	17	17	17
26	16	16	16	16	16	16	16	16	17	18	17	16	16	16	17	17	16	16	16	16	16	16	16	16	16
27	16	16	16	15	16	16	16	16	17	16	16	16	17	18	18	19	16	16	16	16	16	16	15	16	16
28	17	17	16	16	16	16	15	14	14	15	15	15	15	16	16	17	17	17	16	15	16	14	14	14	16
MEAN	20	20	20	20	20	20	19	21	21	19	18	18	18	17	17	17	17	17	18	19	18	18	19	20	18



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS														UNITS - 0.1 PARTS/MILLION										
	STATION - NO 34002 SC CTR 770 DON MILLS RD TORONTO														MONTH - MAR 75										
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	15	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	15	14
2	15	14	14	14	14	13	13	12	12	12	12	12	13	13	13	13	13	13	13	13	12	12	12	12	13
3	12	12	12	12	12	13	13	13	13	13	14	13	15	***	18	19	18	18	18	17	17	17	17	17	15
4	18	17	17	17	17	16	18	20	20	19	18	17	17	17	17	17	17	17	17	17	18	19	19	20	18
5	21	21	22	20	36	39	29	25	24	22	21	18	18	18	15	17	18	20	20	19	18	18	19	19	22
6	20	20	19	18	19	19	20	21	25	24	24	25	22	20	21	21	21	21	19	19	19	19	23	22	21
7	23	23	23	24	21	19	20	21	21	21	20	20	***	18	20	20	20	18	16	16	16	16	15	15	19
8	16	16	15	15	15	15	15	16	16	16	16	16	16	16	15	15	15	15	15	16	16	16	16	16	
9	17	25	30	38	38	36	35	32	27	20	18	17	17	17	17	16	17	17	17	17	18	18	19	21	
10	19	19	18	18	18	31	28	29	26	23	20	19	18	18	18	18	20	19	18	18	34	31	35	37	
11	36	30	31	20	18	18	17	19	21	23	23	18	17	17	17	17	17	17	16	17	17	19	17	17	20
12	17	16	17	17	16	17	18	18	19	20	21	22	***	18	19	18	20	21	18	17	18	18	18	17	18
13	15	14	15	14	14	14	13	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	15	14
14	15	15	15	15	14	14	14	15	15	15	15	15	15	15	15	15	16	16	15	15	15	15	15	15	15
15	15	15	15	20	16	18	21	18	16	16	16	16	16	16	15	15	15	16	16	16	16	16	16	16	16
16	16	16	16	16	16	16	17	17	16	16	16	16	16	16	18	19	19	19	20	49	43	40	50	55	23
17	53	55	49	33	18	17	17	16	16	16	16	17	15	***	17	18	18	18	18	20	18	19	29	23	23
18	36	37	31	36	38	40	39	40	23	21	19	19	19	19	20	19	21	23	27	27	29	58	44	40	30
19	***	***	***	***	***	***	***	***	***	***	***	***	***	***	19	19	19	21	19	18	16	15	15	15	15
20	15	15	15	15	16	16	17	17	17	17	18	16	15	15	15	16	15	14	14	13	13	13	13	13	15
21	13	13	13	13	13	13	13	13	13	13	14	14	14	13	14	14	14	14	14	13	13	13	13	13	13
22	13	13	13	13	13	13	13	13	13	13	14	14	14	14	15	16	17	13	12	11	11	11	11	12	13
23	12	12	12	12	11	11	11	11	11	11	11	12	12	12	12	12	12	12	12	12	12	12	12	13	12
24	12	12	12	12	11	11	11	12	12	12	***	16	15	15	16	16	16	15	15	16	16	15	16	17	14
25	18	19	21	21	19	19	17	18	18	17	16	17	17	17	18	18	16	15	15	15	14	14	14	14	17
26	15	15	14	14	14	14	14	14	14	14	14	***	16	15	15	15	15	14	14	14	14	14	14	16	14
27	16	16	16	14	14	14	14	15	15	15	15	15	15	15	15	15	15	15	15	14	14	14	14	15	15
28	15	14	14	14	13	13	14	14	14	14	14	14	14	15	15	16	15	15	15	15	15	14	14	14	14
29	14	14	14	14	15	15	15	15	17	17	19	18	16	16	17	16	16	15	15	15	14	14	14	14	15
30	14	15	15	15	14	14	14	14	14	15	15	15	14	14	14	15	15	15	15	14	13	13	13	13	14
31	13	13	13	13	13	14	15	15	15	15	14	15	15	15	15	15	16	16	15	15	14	15	16	16	15
MEAN	18	18	18	18	17	18	18	18	17	17	17	16	16	16	16	16	17	16	16	17	17	18	18	19	17.2

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION													
	STATION - NO 34002 SC CTR 770 DON MILLS RD TORONTO												MONTH - APR 75													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	16	16	15	15	15	15	15	16	17	16	15	14	13	12	***	15	15	15	14	14	14	12	12	13	15	
2	15	14	14	14	12	12	11	12	12	12	11	10	12	13	16	18	23	24	22	22	18	17	17	15		
3	16	16	17	17	18	19	19	20	20	18	17	16	16	16	***	11	9	9	10	8	7	6	7	14		
4	7	7	7	7	7	7	7	9	10	12	***	***	15	15	15	15	15	16	17	18	18	18	18	13		
5	18	18	18	18	18	18	18	17	17	17	17	17	18	18	18	18	18	17	16	15	15	15	15	16	17	
6	15	15	15	15	16	16	16	16	15	15	15	15	14	14	14	14	14	14	13	13	13	12	12	14		
7	12	12	12	12	12	12	12	11	12	12	12	12	12	12	12	12	12	12	12	11	11	11	12	13	14	
8	14	14	14	14	13	14	14	14	14	14	14	12	14	14	14	14	14	15	16	16	16	17	18	17	15	
9	17	15	15	14	14	14	15	15	16	16	16	16	16	16	16	16	17	17	17	17	17	18	18	16		
10	18	20	18	18	17	16	16	17	17	17	17	17	16	15	***	14	15	14	14	14	14	12	12	12	16	
11	11	10	10	10	10	19	24	12	11	10	10	9	9	9	9	10	10	10	10	10	10	10	11	16	11	
12	21	13	10	12	16	23	17	11	11	10	10	10	9	9	9	9	9	9	9	9	10	10	12	16	12	
13	19	12	12	11	19	16	14	11	10	10	10	10	10	10	10	10	10	10	10	10	14	24	25	37	14	
14	40	36	36	35	33	34	28	23	18	14	12	12	13	11	***	16	17	18	21	29	48	43	47	46	27	
15	44	48	46	48	37	41	33	21	18	16	15	15	15	16	16	18	20	23	20	16	17	16	20	21	25	
16	24	26	28	31	33	43	27	18	16	17	***	***	16	15	13	13	14	15	17	19	40	37	41	46	25	
17	43	46	49	55	44	39	34	22	17	15	17	20	18	18	***	***	***	***	***	***	***	***	***	***	***	
18															DATA INVALID -											
19															DATA INVALID -											
20															DATA INVALID -											
21	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	15	15	15	16	16	18	23	34	32	***	
22	30	30	35	33	35	32	31	29	22	19	18	17	17	18	18	17	17	17	18	19	40	40	41	46	27	
23	46	42	47	51	48	51	37	21	18	17	17	17	17	18	17	18	17	17	17	19	17	16	15	16	26	
24	16	16	16	17	18	17	16	16	16	16	16	15	15	***	15	16	17	17	17	17	16	15	14	14	16	
25	14	13	13	13	13	13	13	13	14	14	14	14	15	16	16	16	16	14	16	18	15	15	29	28	16	
26	29	24	16	16	19	18	16	15	15	15	15	15	15	16	17	17	17	16	16	15	15	15	24	27	18	
27	30	32	36	41	52	42	30	19	15	15	15	15	15	15	15	15	15	15	15	16	16	17	17	17	22	
28	16	21	29	30	36	24	19	18	16	16	15	18	20	***	18	22	24	23	24	24	30	33	28	20	23	
29	18	18	18	26	35	39	33	25	21	19	18	16	17	16	16	16	16	16	16	15	15	16	16	16	20	
30	16	18	18	19	19	19	19	19	18	18	18	18	18	17	17	18	18	18	17	16	16	15	14	17	18	
MEAN	22	21	22	23	23	24	21	17	16	15	15	15	15	15	15	15	16	16	16	16	18	19	20	22	18	



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS														UNITS - 0.1 PARTS/MILLION											
STATION - NO 34002 SC CTR 770 DON MILLS RD TORONTO														MONTH - MAY 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	14	15	15	15	17	20	22	24	22	25	25	****	****	19	20	21	21	21	23	21	20	20	21	20
2	23	16	17	18	23	27	24	17	15	14	14	13	14	15	15	14	14	14	15	16	19	17	36	40	19
3	50	43	46	47	44	43	30	20	15	15	18	18	17	15	15	15	16	17	18	16	15	14	14	13	24
4	14	13	13	13	13	13	13	13	14	14	15	15	15	16	16	16	16	16	15	15	14	14	15	14	14
5	15	15	15	15	15	15	16	18	17	16	17	17	18	19	19	19	19	18	18	18	18	18	18	19	17
6	27	24	21	19	18	18	16	18	17	17	17	15	16	17	16	16	15	16	18	21	21	42	35	41	21
7	38	42	35	35	36	31	25	19	17	14	14	16	17	17	17	16	16	15	15	26	30	28	34	47	25
8	31	26	23	25	28	32	23	16	16	15	15	15	****	15	16	17	18	17	16	18	38	33	37	47	23
9	45	46	41	47	39	41	36	25	17	15	15	15	15	17	18	17	16	15	14	14	15	24	29	28	25
10	30	29	30	24	23	27	21	14	14	14	15	16	16	16	16	16	15	15	17	14	33	35	41	44	22
11	49	45	49	52	55	59	50	21	16	15	14	14	14	14	15	15	14	14	14	15	16	26	36	43	28
12	45	40	64	50	40	32	35	23	14	14	16	17	****	****	****	****	****	****	****	****	****	****	****	****	****
13	12	11	12	10	10	10	11	11	11	11	12	13	14	14	13	13	13	12	12	13	21	23	28	30	14
14	29	30	32	32	43	31	28	24	17	14	18	15	14	15	16	17	18	17	17	17	19	23	29	17	22
15	17	17	25	32	34	26	16	19	19	16	16	16	****	19	19	18	17	16	17	20	19	15	23	18	20
16	20	11	11	10	11	11	11	11	11	13	13	14	14	13	13	13	13	12	12	13	13	12	13	24	13
17	28	34	32	25	23	24	21	15	13	13	13	14	15	15	15	14	14	14	15	15	13	13	20	34	19
18	34	31	36	31	31	31	28	17	13	14	15	17	17	18	18	18	17	18	18	18	16	16	18	18	21
19	48	51	51	76	72	65	40	24	20	17	18	18	21	17	17	17	18	18	18	19	21	24	54	66	34
20	53	40	57	35	28	30	23	25	26	25	23	20	****	21	21	21	20	20	30	31	32	34	36	33	30
21	36	37	43	43	34	31	32	33	40	44	55	58	52	47	44	43	42	39	38	39	38	35	38	41	41
22	41	48	60	49	42	44	46	36	37	****	****	****	****	****	18	18	19	19	20	22	20	28	37	45	34
23	42	44	41	41	38	33	25	25	30	32	26	21	18	19	19	19	20	20	22	35	38	46	53	53	32
24	50	52	50	44	37	42	25	19	19	19	19	19	21	20	21	21	20	20	20	24	42	43	38	25	30
25	22	22	24	25	21	21	21	21	21	21	21	21	22	22	23	24	24	25	24	24	23	29	33	28	23
26	29	33	29	26	33	36	29	29	31	29	22	16	****	18	20	23	24	23	23	27	22	19	25	35	26
27	41	41	36	18	17	17	17	17	17	16	16	15	17	17	16	16	16	16	16	15	15	21	26	27	20
28	26	19	16	22	26	21	17	16	16	17	25	20	19	19	18	17	17	15	14	17	30	32	32	32	21
29	37	35	35	38	42	36	33	20	19	18	17	16	19	19	18	17	17	17	18	16	16	16	16	16	23
30	16	16	17	17	18	19	21	27	31	26	24	20	18	18	18	20	20	17	18	20	20	21	22	17	20
31	17	15	15	15	14	15	18	18	17	16	16	16	16	17	16	16	17	17	15	15	16	16	15	15	16
MEAN	32	30	32	31	30	29	25	20	19	18	19	18	18	18	18	18	18	18	18	20	22	25	29	31	23.3

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS														UNITS - 0.1 PARTS/MILLION											
STATION - NO 34002 SC CTR 770 DON MILLS RD TORONTO														MONTH - JUN 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	15	15	15	15	17	15	14	14	14	14	14	15	14	14	14	14	14	15	15	15	15	15	15	15
2	15	17	21	19	21	20	17	17	19	22	20	17	15	17	16	16	17	18	18	19	20	17	17	16	18
3	17	16	16	16	16	15	17	18	17	15	15	14	15	14	14	14	14	14	15	16	30	32	40	40	19
4	41	37	34	39	39	39	33	16	15	14	18	17	16	15	17	16	16	17	18	17	16	16	17	17	23
5	16	16	17	15	14	14	16	17	18	17	18	17	***	17	18	18	19	19	18	25	28	38	59	46	22
6	44	25	21	26	31	31	30	18	15	15	14	13	13	13	13	14	13	13	13	13	12	12	13	13	18
7	13	13	13	13	14	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	11	12
8	12	12	12	12	12	12	12	12	12	13	13	13	13	13	13	13	13	13	12	12	13	13	13	13	13
9	14	13	13	13	17	15	14	14	15	14	15	14	***	***	15	15	15	16	16	16	16	16	16	20	15
10	26	23	26	28	28	25	24	23	16	15	16	15	16	16	16	16	16	18	17	18	19	18	17	16	20
11	25	25	27	34	31	30	24	20	18	18	18	18	18	19	19	19	19	18	19	19	16	16	16	16	21
12	16	16	16	17	19	21	23	23	23	23	21	***	***	***	***	17	18	15	14	15	15	14	15	15	18
13	14	14	14	14	14	14	15	20	16	16	16	17	17	17	18	17	17	16	16	15	18	33	40	41	19
14	44	46	54	46	45	38	19	17	17	16	16	17	16	16	16	16	16	15	16	16	17	18	19	20	24
15	20	21	35	28	21	18	19	22	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
16	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	15	15	15	16	16	16	16	16	17	19
17	19	18	17	18	31	30	21	18	19	17	16	16	17	16	17	17	17	18	17	18	19	18	18	***	19
18	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	16	16	17	16	15	14	14	14	13	13
19	27	31	***	***	***	***	***	***	***	***	***	***	***	***	14	14	14	14	13	13	17	43	56	28	***
20	17	26	31	23	23	20	16	15	15	16	16	15	15	16	15	15	15	14	14	13	13	14	14	15	***
21	36	37	38	39	40	36	26	17	13	13	13	13	***	***	***	***	***	15	14	16	15	26	30	29	25
22	27	30	29	32	32	28	24	21	21	22	20	21	20	19	18	17	***	***	19	19	18	17	19	21	22
23	24	26	27	31	32	30	26	26	31	30	28	25	***	***	***	19	21	19	21	22	19	20	18	16	24
24	18	***	***	***	***	***	***	***	***	***	***	***	***	***	15	12	16	16	16	15	11	11	11	11	13
25	13	13	17	18	16	13	14	16	16	17	***	19	19	17	18	17	17	17	17	17	18	***	***	***	16
26	***	35	33	31	30	28	21	20	***	***	16	15	15	15	15	16	15	15	15	15	16	18	17	20	22
27	22	40	49	47	52	40	22	17	16	***	15	16	16	17	17	17	16	16	16	18	17	23	30	24	
28	36	33	36	36	32	36	28	25	26	26	26	23	20	18	17	15	14	12	11	9	9	10	10	9	22
29	9	7	7	5	4	3	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
30	***	***	***	***	***	***	***	***	***	***	***	***	***	***	16	16	16	16	16	16	17	30	30	32	33
MEAN	22	23	25	25	25	23	20	18	18	17	17	16	16	16	16	16	16	16	15	16	17	20	23	22	19



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION												
	STATION - NO 34002 SC CTR 770 DON MILLS RD TORONTO												MONTH - JUL 75												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	37	***	***	***	34	33	29	21	15	15	15	16	16	15	15	15	16	16	17	18	18	33	31	42	22
2	36	42	36	37	39	36	31	24	24	23	23	***	***	21	21	21	21	21	21	22	23	28	20	25	27
3	***	***	***	***	***	***	***	***	***	***	***	***	***	20	21	21	21	21	21	22	23	28	20	25	27
4	24	30	26	24	21	24	19	18	18	16	15	***	***	***	***	14	13	9	9	8	9	22	23	26	37
5	38	34	40	34	36	27	19	12	10	10	14	14	13	12	11	10	10	12	12	14	14	14	27	29	19
6	28	32	29	30	32	30	24	26	23	17	15	15	16	16	16	16	16	17	17	18	18	***	***	***	21
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
15	8	9	9	10	12	11	11	11	11	12	8	7	7	7	7	7	7	7	7	8	8	8	9	9	11
16	10	14	27	22	25	23	23	22	21	15	13	13	10	10	9	9	9	9	9	10	10	10	12	15	15
17	21	51	42	32	23	41	28	16	14	14	14	12	12	10	9	10	10	9	9	10	14	14	12	18	19
18	33	35	39	48	41	40	37	26	17	14	15	11	11	9	9	8	8	8	8	10	9	10	12	10	20
19	8	8	7	6	6	5	5	5	5	5	6	6	6	6	6	7	7	7	7	8	10	9	10	10	7
20	10	10	10	10	7	9	11	14	8	8	8	8	8	8	8	8	8	9	11	12	15	17	18	13	10
21	6	6	7	7	8	9	11	7	7	7	7	5	7	9	***	11	8	7	7	7	6	6	7	10	7
22	10	8	7	8	13	8	7	6	6	6	8	9	7	9	9	10	10	9	11	14	14	11	12	15	9
23	17	40	34	42	28	26	15	9	8	7	8	8	11	11	11	12	11	14	16	21	14	16	36	32	19
24	22	35	32	36	33	20	14	14	14	***	***	15	15	13	13	13	13	13	14	14	15	15	15	14	18
25	13	11	11	11	12	12	12	12	11	11	11	11	11	11	11	11	11	11	11	11	11	12	12	12	11
26	12	14	22	29	34	29	24	12	11	11	12	13	12	12	12	12	13	13	13	13	14	16	16	17	16
27	19	20	20	52	31	30	24	20	15	15	16	17	16	15	15	16	16	16	17	20	26	22	20	20	21
28	23	18	17	17	18	18	18	21	19	***	11	11	11	11	11	11	11	11	11	11	11	12	13	14	15
29	24	25	24	25	25	25	23	20	26	23	18	12	12	11	11	12	12	12	12	12	13	14	15	17	18
30	30	37	38	35	40	31	29	25	18	18	16	15	15	14	14	14	14	14	15	18	18	24	46	40	24
31	26	20	23	21	24	23	17	16	15	16	***	***	***	15	15	17	***	16	16	18	24	35	37	37	22
MEAN	21	24	24	25	25	23	20	16	14	13	13	12	12	12	12	12	11	12	12	13	15	17	21	21	16.5

- NOTES 1. \*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION													
	STATION - NO 34002 SC CTR 770 DON MILLS RD TORONTO												MONTH - AUG 75													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	45	38	40	46	42	41	37	23	24	32	19	19	17	18	17	16	16	16	19	20	21	23	***	***	27	
2													- DATA	INVALID	-											
3													- DATA	INVALID	-											
4													- DATA	INVALID	-											
5	***	***	***	***	***	***	***	***	***	***	***	12	***	13	12	12	12	12	12	12	12	12	10	10	***	
6	10	10	10	11	11	11	10	10	9	10	9	9	9	8	8	12	12	12	12	13	14	26	30	27	10	
7	18	17	21	15	10	8	8	9	8	7	6	11	***	***	12	12	12	12	13	14	26	30	27	30	15	
8	31	35	38	33	26	25	23	17	14	14	13	12	13	13	13	13	13	13	13	15	15	17	21	15	19	
9	17	31	40	32	34	29	25	22	15	14	14	14	13	13	13	13	14	15	17	18	19	20	21	20		
10	19	18	18	18	18	21	22	19	19	19	20	20	21	22	22	21	22	22	22	23	26	25	25	25	21	
11	26	25	23	21	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
12	***	***	***	***	***	***	***	***	***	***	***	15	13	12	12	12	12	12	13	15	16	15	15	23	22	
13	36	34	35	36	31	37	43	22	17	20	17	16	14	15	18	14	15	18	15	16	17	17	14	10	22	
14	10	10	9	9	9	10	12	13	11	11	10	11	11	10	10	11	11	11	12	12	12	15	18	19	12	
15	26	31	29	29	34	28	28	24	20	20	16	13	***	13	13	13	14	14	13	14	***	***	***	***	21	
16													- DATA	INVALID	-											
17													- DATA	INVALID	-											
18	***	***	***	***	***	***	***	***	***	***	***	***	***	11	12	11	12	***	***	***	***	***	***	***	***	
19	***	***	***	***	***	***	***	***	***	***	***	6	5	5	4	4	3	4	4	6	6	10	15	17	***	
20	18	14	11	17	16	18	15	10	10	12	10	8	6	6	7	8	8	9	8	9	12	15	18	22	12	
21	22	27	22	28	24	27	30	26	23	12	13	16	11	11	10	12	15	20	23	20	14	14	14	14	19	
22	17	17	16	11	10	10	9	10	11	10	11	12	12	11	11	11	12	12	13	15	24	29	28	31	15	
23	34	33	32	29	31	29	27	21	13	12	12	11	10	11	12	12	12	12	12	14	14	13	13	13	18	
24	12	14	17	16	20	22	20	18	16	15	16	19	16	13	15	17	16	15	14	15	20	22	32	72	20	
25	66	46	27	15	15	16	18	25	21	***	***	***	***	10	10	11	11	11	13	12	12	16	16	17	19	
26	11	12	13	11	11	10	12	11	12	13	***	***	9	8	8	9	8	8	8	10	15	23	21	16	12	
27	10	8	8	10	8	7	8	7	7	7	6	6	8	8	9	10	10	10	11	12	21	31	30	29	12	
28	31	30	31	31	34	32	36	35	21	16	***	***	***	13	12	12	12	13	14	15	16	15	17	18	22	
29	25	13	13	12	12	12	14	13	12	12	13	12	13	14	17	18	18	16	16	15	16	15	14	15	15	
30	15	15	16	15	16	15	15	16	16	15	16	15	16	15	15	15	15	23	16	17	16	16	16	16	16	
31	16	15	15	16	16	16	***	***	***	***	***	***	14	***	***	***	***	***	***	***	***	***	***	***	***	
MEAN	23	22	22	21	20	20	21	18	15	14	13	13	12	12	12	12	13	13	13	14	16	18	19	21	16.6	



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION																					
STATION -			NO 34002										SC CTR 770 DON MILLS RD TORONTO										MONTH - SEP 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN									
1																																		
2	DATA INVALID																																	
3	25	26	23	26	21	17	24	14	12	11	11	12	12	14	14	13	13	13	12	13	14	16	30	39	18									
4	32	27	25	27	24	16	16	13	11	11	10	11	****	9	9	9	9	9	10	10	11	13	13	15	15									
5	24	28	26	28	31	36	32	19	15	15	19	15	14	12	12	13	16	19	16	15	13	11	11	12	19									
6	12	12	16	17	15	12	11	10	9	9	9	9	9	9	9	9	9	9	9	9	11	9	9	9	10									
7	9	9	13	17	13	12	11	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	10									
8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	13	10	9	9	9	9	9	10	10	10									
9	9	8	8	8	8	10	12	11	8	8	8	8	8	8	8	8	8	8	8	9	23	25	23	25	11									
10	31	27	24	32	35	30	25	24	14	13	15	14	13	12	11	10	10	11	11	11	11	13	33	38	20									
11	35	31	36	38	40	38	41	36	19	14	13	12	11	13	13	14	13	12	12	11	12	11	9	8	21									
12	8	8	7	7	7	7	8	9	8	8	8	8	8	8	8	8	8	8	8	11	13	8	8	9	8									
13	8	8	7	7	8	8	9	8	8	8	7	7	8	8	7	7	7	7	7	8	9	8	7	8	8									
14	11	14	17	17	20	10	10	8	8	7	7	6	8	8	8	8	8	8	11	21	27	31	30	31	14									
15	30	38	32	31	31	30	36	34	32	15	10	9	9	10	11	11	11	11	11	13	12	27	40	61	23									
16	61	31	33	35	32	35	40	43	39	38	32	26	23	19	15	13	12	12	13	16	38	36	44	40	30									
17	41	40	30	41	43	49	39	37	26	21	14	13	12	12	12	12	13	14	14	17	16	15	14	14	23									
18	14	14	13	12	12	12	14	14	13	14	12	****	****	13	13	13	13	13	17	12	12	12	12	12	13									
19	10	10	10	9	10	10	12	23	19	16	16	14	15	12	13	14	12	12	13	16	20	78	66	52	20									
20	59	21	15	15	15	14	14	11	9	9	8	9	10	10	10	10	10	11	11	11	11	12	13	15	14									
21	15	13	14	14	12	12	11	12	11	11	11	10	10	10	10	10	10	11	11	11	10	10	10	11	11									
22	11	12	11	12	12	13	12	17	18	14	13	12	12	14	13	13	13	11	12	12	11	12	13	14	19									
23	16	14	14	15	21	17	16	18	18	14	10	10	10	10	9	11	11	11	12	14	17	12	12	11	13									
24	11	11	11	14	10	10	11	12	11	12	12	11	12	13	11	11	11	11	11	12	13	13	12	11	12									
25	11	10	10	10	10	10	10	10	11	11	11	12	11	12	12	12	13	13	13	12	12	12	12	12	11									
26	12	12	12	12	12	13	16	19	14	13	17	17	16	16	15	15	16	17	13	13	13	11	11	11	14									
27	11	11	11	11	11	13	13	13	14	13	12	12	12	12	12	12	12	12	12	12	26	25	25	42	15									
28	19	14	13	15	16	16	13	19	12	12	12	12	12	12	12	13	12	13	27	37	32	34	35	41	19									
29	37	41	42	43	34	31	34	37	40	34	21	19	18	15	14	14	15	17	18	37	30	23	22	16	27									
30	19	23	17	15	15	15	17	16	17	14	14	15	14	14	14	15	15	15	15	17	17	17	20	17	16									
MEAN	22	19	18	20	19	18	19	18	16	14	13	12	12	12	11	11	11	12	12	14	16	19	20	22	15	8								

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS														UNITS - 0.1 PARTS/MILLION											
STATION - NO 34002 SC CTR 770 DON MILLS RD TORONTO														MONTH - OCT 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	14	14	16	18	19	19	18	20	21	16	15	14	16	15	15	15	16	18	15	11	11	11	11	16
2	11	10	10	10	10	11	11	11	11	11	11	****	****	11	11	11	11	11	11	13	15	16	18	21	12
3	18	18	16	15	13	13	15	17	17	15	16	14	16	14	14	12	12	12	13	13	13	14	14	14	15
4	14	15	18	25	34	34	37	27	17	17	16	13	13	13	13	13	13	13	14	14	18	32	28	35	20
5	37	15	14	14	14	15	15	16	16	15	16	15	14	14	15	15	15	17	19	54	28	18	17	15	18
6	16	15	15	16	16	17	17	21	17	13	11	10	****	12	14	14	14	14	16	22	22	24	25	16	16
7	17	16	20	21	24	24	26	24	16	15	15	13	13	13	15	15	15	16	19	48	52	41	42	45	24
8	51	47	48	54	56	54	55	54	56	45	28	28	27	21	19	16	16	17	18	16	15	14	14	14	33
9	14	13	13	12	12	12	12	15	14	13	14	13	****	15	17	16	16	16	16	16	17	18	18	17	15
10	17	19	18	18	18	18	23	24	23	24	20	18	17	18	17	18	19	24	29	20	17	18	19	21	20
11	20	23	23	42	36	45	31	17	13	13	13	13	13	14	14	13	13	14	15	15	15	15	13	19	19
12	14	13	13	12	12	13	13	14	13	13	13	13	14	13	14	14	14	14	14	15	15	29	38	32	16
13	47	46	30	40	32	30	29	22	15	15	16	13	13	14	16	16	17	17	20	31	48	37	44	43	27
14	36	44	41	26	27	16	15	15	14	15	14	14	14	14	15	15	17	16	15	16	16	33	42	49	22
15	46	47	47	65	47	72	91	50	26	22	17	14	15	19	19	20	18	18	19	17	17	15	12	10	31
16	10	10	10	12	14	13	12	13	13	11	11	11	****	11	12	12	12	12	12	11	11	11	11	11	12
17	12	12	20	23	24	23	23	17	14	13	11	11	12	13	13	13	13	13	14	13	11	11	11	11	15
18	11	11	11	11	10	10	10	11	11	12	12	12	12	12	12	12	12	12	12	12	11	12	12	12	11
19	12	11	11	11	11	11	11	11	11	11	11	11	11	13	13	14	14	14	14	13	13	14	12	12	12
20	12	12	13	12	13	14	13	16	19	19	19	18	18	17	16	16	16	15	16	15	15	16	15	14	15
21	14	15	15	14	15	16	16	17	17	17	17	16	16	16	16	18	18	19	26	19	20	20	36	31	19
22	26	22	22	16	15	13	14	19	20	16	14	13	13	13	15	16	14	18	19	50	34	21	14	13	19
23	14	13	13	13	13	23	31	34	43	19	15	16	17	15	15	16	18	22	40	42	35	39	43	42	25
24	41	43	44	45	42	46	45	43	47	23	15	13	14	14	14	15	17	24	39	40	47	43	17	12	31
25	14	13	12	12	12	12	12	12	11	11	12	12	11	11	11	11	11	14	14	13	14	18	30	16	13
26	15	16	20	30	41	35	32	24	22	11	10	10	11	10	10	10	11	14	23	26	12	21	30	37	20
27	37	33	39	34	39	35	38	44	40	30	19	15	11	15	13	12	13	17	15	23	35	36	47	51	29
28	55	51	46	57	62	55	60	59	50	44	25	17	16	15	14	14	14	15	14	14	13	14	14	14	31
29	16	12	10	10	10	10	11	11	11	11	11	11	11	11	11	11	11	12	12	12	11	12	12	12	11
30	12	11	11	11	11	11	11	12	12	11	11	11	11	****	11	10	11	14	18	28	39	40	47	40	18
31	37	41	37	33	34	33	32	35	34	35	13	12	12	11	12	12	14	15	15	17	17	15	16	16	23
MEAN	23	22	22	24	24	24	25	23	21	18	15	14	14	14	14	14	14	16	18	22	21	22	23	23	19



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION												
	STATION - NO 34002 SC CTR 770 DON MILLS RD TORONTO												MONTH - NOV 75												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	13	13	14	14	14	14	14	14	14	14	13	12	13	13	13	14	14	15	14	15	15	14	16	14
2	16	15	15	16	36	30	50	43	41	17	16	16	16	17	15	15	16	18	21	26	21	13	14	15	22
3	15	14	14	15	16	18	16	16	34	33	23	25	21	19	16	15	18	18	18	19	17	17	18	17	19
4	18	16	14	13	14	14	15	13	13	12	17	14	11	11	11	11	11	11	13	15	15	15	15	15	14
5	17	14	15	15	19	15	22	30	23	20	26	30	13	11	11	11	16	16	16	18	20	56	63	56	23
6	43	56	55	51	22	17	15	16	19	19	17	16	19	21	***	19	25	32	32	32	42	120	66	65	36
7	78	74	68	41	39	42	29	47	47	33	32	17	20	22	20	17	18	16	14	15	17	17	15	16	31
8	17	17	15	13	13	12	12	12	13	14	14	14	14	13	12	13	13	14	13	16	26	28	30	36	16
9	36	41	47	48	41	32	28	27	13	11	11	12	13	13	13	13	13	14	15	15	13	13	13	13	21
10	13	14	13	13	15	15	13	13	13	12	12	12	14	15	15	15	15	13	13	12	12	13	13	13	13
11	12	12	14	15	13	15	13	15	17	16	12	13	14	13	14	16	17	20	21	22	53	46	49	55	21
12	54	51	24	15	15	16	17	18	19	17	14	17	20	20	21	24	25	25	40	48	58	49	28	14	27
13	14	16	16	16	15	14	15	16	18	15	14	13	12	12	11	12	12	12	12	12	12	12	11	11	13
14	11	11	11	11	11	12	12	12	12	12	12	12	12	11	11	11	12	12	12	12	12	12	11	16	12
15	17	15	12	13	13	15	15	16	15	14	14	14	14	12	12	12	13	14	14	15	16	15	15	16	14
16	15	16	17	13	12	13	13	14	12	12	12	12	11	12	13	13	15	18	47	49	42	45	46	52	22
17	54	46	55	45	45	48	48	44	40	30	25	24	23	19	19	18	21	21	21	22	18	17	18	18	31
18	17	18	37	34	36	39	35	46	45	44	36	27	32	25	23	21	26	27	18	20	19	18	18	18	28
19	17	37	30	17	17	17	16	18	21	24	26	29	30	19	22	22	22	32	34	34	39	81	69	49	30
20	41	47	50	51	58	60	66	70	69	71	42	30	21	****	24	23	23	21	21	19	18	17	17	16	16
21	16	14	15	18	17	14	14	15	18	18	14	14	14	14	15	15	15	14	14	14	13	14	13	14	15
22	14	13	11	11	11	10	10	10	10	10	10	10	11	11	11	11	12	12	12	12	12	13	12	12	11
23	13	13	13	15	17	14	13	12	13	13	12	12	13	13	13	13	13	13	13	22	21	20	16	15	14
24	16	16	15	14	13	13	13	18	17	15	12	13	12	****	12	12	12	13	11	10	10	10	10	10	13
25	10	10	10	10	10	9	9	9	10	10	9	9	9	9	9	9	10	10	9	9	9	9	9	9	9
26	9	9	9	9	9	9	9	10	13	12	12	12	11	10	10	10	11	11	11	11	11	10	10	10	10
27	10	10	10	10	10	10	10	10	10	11	14	14	13	13	****	18	18	18	19	19	19	18	18	18	14
28	19	17	18	18	17	17	18	17	17	16	16	15	16	15	15	15	15	18	23	32	37	38	40	47	22
29	51	48	44	38	34	16	15	15	15	15	15	15	15	16	16	16	16	16	17	16	16	17	17	17	22
30	19	18	17	15	15	16	16	15	15	16	15	15	14	14	14	14	14	14	14	14	14	14	14	14	15
MEAN	23	24	23	21	21	20	20	21	21	19	17	16	16	15	15	15	16	17	18	20	22	26	23	23	19.6

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION												
	STATION - NO 34002 SC CTR 770 DON MILLS RD TORONTO												MONTH - DEC 75												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	15	15	15	15	15	15	14	14	14	15	16	15	16	16	15	17	16	16	16	16	17	16	17	16
2	17	17	17	17	18	17	18	16	17	23	26	18	15	15	16	17	18	19	18	22	36	27	24	20	20
3	20	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	16	16	17	16	15	15	15	15	15	****
5	35	32	30	45	37	38	38	43	45	45	48	26	22	22	22	21	21	22	22	21	20	19	17	17	30
6	16	17	17	17	17	18	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	15	14	15	
7	15	15	15	15	14	14	15	15	15	15	15	15	15	15	15	15	15	15	16	15	15	15	16	16	15
8	15	14	14	14	15	15	15	15	16	17	17	****	15	16	16	16	16	16	15	14	14	14	14	14	15
9	15	14	14	15	15	15	14	15	16	16	16	16	16	16	16	16	16	16	15	15	16	17	17	19	16
10	22	36	25	23	23	17	14	15	15	14	14	15	16	15	15	16	16	17	17	16	16	16	17	17	18
11	16	16	16	16	16	17	14	15	18	16	15	****	****	14	16	16	16	18	20	18	17	19	22	28	17
12	23	20	21	20	18	16	17	18	18	18	18	18	17	18	18	18	18	18	18	18	18	18	18	18	18
13	15	15	15	15	15	15	15	15	15	15	15	17	18	18	18	18	19	19	19	20	22	31	46	23	19
14	22	26	21	20	21	20	19	18	18	18	16	16	16	16	16	17	16	16	16	17	18	18	17	16	18
15	16	16	17	17	20	18	15	17	16	16	16	18	****	****	****	18	18	17	15	16	16	16	16	16	17
16	15	15	15	15	15	15	15	16	17	17	20	21	23	22	21	20	18	18	17	17	17	17	17	17	18
17	19	23	21	22	21	20	21	22	23	23	26	24	18	17	17	17	17	18	18	18	18	18	18	18	20
18	17	17	16	16	15	16	16	16	16	16	16	16	16	****	****	17	17	16	17	16	16	16	15	15	16
19	15	15	15	15	14	14	15	16	16	16	16	16	16	17	17	19	17	17	17	17	18	17	17	16	16
20	15	15	15	15	14	14	14	14	14	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
21	15	15	15	15	15	15	15	15	15	16	16	16	15	15	15	16	16	16	25	28	32	34	40	42	20
22	42	51	45	48	49	44	45	58	56	51	57	46	33	****	****	20	22	23	21	21	17	18	18	16	37
23	15	14	14	14	14	14	14	15	16	15	14	14	14	14	14	14	15	15	15	15	15	15	15	15	15
24	15	23	27	26	29	28	29	32	37	35	23	23	21	18	17	18	16	16	14	15	15	15	15	15	22
25	14	14	16	15	14	15	16	18	17	19	16	16	18	16	17	17	17	17	20	19	21	21	18	17	15
26	15	16	16	16	16	15	14	14	15	15	15	15	14	14	14	14	15	14	14	14	14	14	14	15	15
27	14	14	14	14	15	14	14	14	14	14	14	14	14	14	14	14	14	15	23	27	28	32	26	28	17
28	30	33	31	32	32	34	34	38	35	31	31	26	27	19	18	17	18	18	18	19	17	17	23	37	26
29	35	41	33	34	40	40	30	40	38	44	35	25	18	19	17	18	18	22	48	77	41	42	28	19	33
30	19	18	18	19	19	20	18	20	21	20	20	21	21	18	****	19	20	19	18	18	18	18	18	15	19
31	15	15	14	14	14	14	15	17	19	20	18	17	16	16	15	15	15	16	15	19	16	15	14	13	16
MEAN	19	20	19	20	20	20	19	21	21	21	20	19	18	17	16	17	17	17	18	20	19	20	19	19	19.1



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - NO 34002 SC CTR 770 DON MILLS RD TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	22	17.9	25	41
FEB	28	18.8	36	77
MAR	30	17.2	30	58
APR	25	18.1	27	55
MAY	30	23.3	41	76
JUN	23	19.1	25	59
JUL	21	16.5	24	52
AUG	20	16.6	27	72
SEP	27	15.8	30	78
OCT	31	19.6	33	91
NOV	30	19.6	38	120
DEC	29	19.1	37	77
YEAR	316	18.6	41	120

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - NO 34002 SC CTR 770 DON MILLS RD TORONTO

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141 - 200	201&OVER	TOTAL
JAN	0	427	99	9	0	0	0	0	535
FEB	0	512	124	29	3	0	0	0	668
MAR	0	609	81	34	0	0	0	0	724
APR	60	434	58	60	0	0	0	0	612
MAY	4	383	173	156	5	0	0	0	721
JUN	11	429	96	63	0	0	0	0	599
JUL	144	232	91	55	0	0	0	0	522
AUG	96	290	87	40	2	0	0	0	515
SEP	173	365	52	68	4	0	0	0	662
OCT	22	523	75	114	3	1	0	0	738
NOV	59	485	71	88	12	1	0	0	716
DEC	0	538	98	60	1	0	0	0	697
YEAR	569	5227	1105	776	30	2	0	0	7709

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
88.0	3	10.6	13.7	15.5	17.9	30.6	39.1	47.0	53.2	120	18.6



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION													
STATION -		NO 34007				BATHURST/WILSON						TORONTO						MONTH - JAN 75							
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	21	22	23	27	29	22	22	23	22	22	20	21	21	18	18	18	17	18	17	17	17	17	17	20
2	16	16	16	16	16	16	17	19	22	21	21	20	19	19	20	23	25	27	26	24	23	23	23	24	21
3	17	20	17	17	17	16	18	24	24	20	22	23	22	19	18	19	21	21	18	18	18	18	17	18	19
4	17	17	17	17	17	17	16	16	17	18	17	17	17	18	17	16	17	17	18	18	17	18	18	18	17
5	19	18	18	19	19	19	19	20	21	22	20	19	18	18	18	19	20	24	26	26	21	21	21	22	20
6	20	19	19	19	19	19	21	25	25	22	21	21	21	24	23	23	26	24	21	21	21	19	19	19	21
7	20	20	18	19	19	19	21	22	25	23	21	21	21	21	21	21	22	27	27	30	29	29	30	32	23
8	30	28	24	21	19	18	21	24	24	23	24	25	26	27	28	30	31	30	24	22	21	22	21	21	24
9	21	21	30	19	20	19	19	20	20	20	20	19	19	19	19	19	20	22	21	23	22	22	22	20	21
10	19	19	19	18	18	19	20	24	25	23	22	23	22	24	24	25	28	27	24	23	22	21	21	22	22
11	21	19	18	17	17	16	16	18	20	19	17	17	17	18	18	18	19	19	19	18	18	18	18	18	18
12	18	18	19	19	19	20	19	19	21	20	20	20	21	20	20	20	21	20	20	20	20	19	19	19	20
13	19	19	19	18	19	19	19	22	21	20	19	20	19	**	**	19	20	20	19	20	19	21	22	21	20
14	19	19	18	18	18	18	19	23	22	21	22	20	19	19	**	18	18	19	19	18	17	17	18	18	17
15	17	17	17	17	18	19	19	21	22	20	21	22	20	18	18	17	18	18	18	18	16	16	17	19	18
16	17	18	17	17	16	17	18	19	22	19	18	18	19	18	18	19	21	24	28	23	21	21	22	19	21
17	21	20	18	18	23	24	30	**	**	23	19	19	18	18	19	20	21	21	21	21	19	18	17	16	18
18	18	18	17	16	16	16	16	17	17	17	18	19	20	19	20	21	21	21	21	19	18	17	17	16	18
19	16	16	16	14	15	15	14	14	14	14	14	14	13	13	14	13	13	14	14	14	14	14	15	15	14
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21	17	17	18	18	19	19	21	23	22	20	20	21	21	21	21	19	20	20	17	16	16	15	15	15	19
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25	17	16	16	16	17	16	18	18	18	18	18	18	17	16	18	20	22	21	22	19	18	17	14	13	18
26	13	14	14	13	13	12	13	13	13	14	13	12	12	13	14	14	14	14	14	15	14	15	15	15	14
27	14	14	14	15	15	16	18	22	24	19	17	16	16	18	18	16	18	18	18	17	17	17	18	18	17
28	18	18	17	18	19	20	21	24	22	20	21	20	21	**	**	23	24	25	24	23	21	20	19	20	25
29	21	18	16	14	14	17	22	24	25	23	25	28	29	25	22	19	18	17	14	14	14	15	15	15	19
30	- DATA INVALID -																								
31	*****																								
MEAN	18	18	18	17	18	18	19	21	21	20	19	19	19	19	19	20	21	21	20	20	19	19	19	19	19 2

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION															
HOUR DAY	STATION -			NO 34007											BATHURST/WILSON TORONTO												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	18	18	18	17	17	18	19	19	19	***	18	17	17	17	17	18	19	19	20	20	21	21	20	21	19		
2	21	20	20	19	21	21	22	21	22	19	18	17	16	16	17	17	18	20	20	19	19	19	19	19	19		
3	19	19	18	18	18	21	22	19	18	18	17	17	17	17	17	18	18	19	19	18	18	19	18	18	18		
4	19	19	19	18	18	22	27	26	23	***	22	21	21	19	20	23	22	22	20	19	19	19	21	19	21		
5	19	21	21	21	24	22	25	25	23	25	25	25	25	26	24	27	24	21	19	19	18	18	18	17	22		
6	17	17	17	17	17	20	24	23	20	21	22	21	21	19	***	17	18	17	20	22	19	18	18	18	19		
7	16	15	14	15	15	15	16	18	18	18	17	17	16	16	17	18	18	19	21	19	20	19	19	17	17		
8	19	19	18	18	18	18	19	19	18	***	18	17	16	17	18	18	17	17	17	16	17	17	17	18	16		
9	16	16	16	15	14	14	14	15	16	16	16	15	16	15	14	15	15	15	16	17	17	17	18	18	16		
10	16	17	16	17	16	17	18	20	22	20	19	18	18	18	17	19	21	22	22	22	18	20	20	19	19		
11	21	19	17	16	15	15	15	17	19	18	18	18	16	16	16	16	16	18	18	18	18	19	19	19	17		
12	18	17	15	15	14	16	17	18	19	17	17	19	21	20	18	20	22	24	25	23	20	17	17	17	19		
13	16	16	16	16	16	17	17	19	21	18	18	***	16	15	15	14	15	16	16	16	16	17	16	15	16		
14	14	14	15	14	13	13	14	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15		
15	15	16	17	17	19	19	18	19	24	22	22	19	15	16	15	15	15	15	16	17	18	19	18	18	16		
16	22	19	16	16	15	15	15	15	15	15	15	***	20	21	24	25	23	25	24	23	22	22	23	23	22		
17	21	19	18	19	19	19	20	23	25	25	24	23	22	22	22	23	27	27	24	25	25	29	29	27	24		
18	23	22	22	21	21	21	23	26	26	24	23	22	22	22	22	23	27	27	24	25	25	29	29	27	24		
19	25	26	25	24	24	24	25	27	28	26	25	***	17	14	9	9	10	9	10	8	9	9	11	11	18		
20	10	10	10	10	10	10	11	15	15	13	13	13	12	12	***	19	21	21	20	22	20	19	19	20	15		
21	18	18	20	20	20	23	24	25	27	27	25	21	20	20	19	19	22	23	23	25	26	30	35	36	24		
22	36	29	27	32	28	25	25	27	31	28	24	23	23	23	21	22	23	23	22	21	19	19	19	22	25		
23	26	27	26	22	21	20	20	19	19	20	20	21	21	23	19	19	20	21	20	20	19	19	19	17	21		
24	16	14	14	16	18	17	19	23	24	22	20	21	20	21	20	20	22	23	21	21	23	20	19	16	20		
25	15	15	15	15	15	15	16	18	19	17	17	16	18	20	20	20	19	19	17	16	16	16	15	15	17		
26	15	16	16	16	16	16	16	18	18	18	18	18	18	18	18	18	18	19	19	19	19	18	18	17	17		
27	16	17	16	16	16	16	18	20	20	20	19	19	19	18	18	19	18	19	19	19	19	20	20	19	18		
28	18	18	18	18	18	18	20	23	***	***	20	21	20	22	23	24	27	27	23	20	19	19	19	19	21		
MEAN	19	18	18	18	18	18	19	20	21	20	19	19	18	18	18	19	19	20	20	19	19	19	19	19	19 0		

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS														UNITS - 0.1 PARTS/MILLION											
STATION - NO 34007 BATHURST/WILSON TORONTO														MONTH - MAR 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	19	19	18	18	18	18	19	19	18	18	18	17	17	17	17	17	17	17	17	18	17	18	18	18
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6	19	18	17	16	16	18	23	27	22	20	19	21	20	18	19	18	18	18	18	18	17	19	20	20	20
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8	16	15	15	15	15	15	15	15	16	16	16	16	15	15	15	15	15	16	15	16	16	17	17	18	18
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12	18	18	18	17	17	18	22	25	26	21	23	22	22	24	26	29	25	21	20	19	20	19	19	17	21
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14	17	17	17	16	16	17	20	22	20	18	19	19	19	20	20	21	18	18	16	18	20	17	17	17	18
15	16	16	17	19	18	19	19	19	20	18	17	17	17	17	16	16	16	17	20	20	19	19	18	18	17
16	19	19	19	19	19	20	19	19	21	26	24	23	22	22	25	26	26	28	30	38	44	42	29	24	25
17	21	20	19	20	20	21	27	28	26	22	22	22	22	22	22	24	25	25	27	27	25	25	24	23	25
18	23	21	21	20	20	22	28	34	29	25	22	21	22	23	23	27	32	30	32	33	33	23	21	20	25
19	19	21	22	21	18	22	25	25	23	21	21	22	24	23	22	21	20	19	17	17	17	16	16	16	20
20	15	15	15	15	15	15	17	18	17	16	16	16	15	15	15	15	15	15	16	16	16	16	16	16	16
21	16	16	16	16	16	16	17	18	19	19	20	20	21	20	21	23	24	21	21	19	17	16	16	15	18
22	13	12	12	12	12	12	13	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	15
23	15	15	15	15	15	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	17
24	19	18	17	16	16	16	19	25	24	23	23	22	23	23	23	25	27	26	26	25	25	24	27	26	22
25	29	25	23	22	20	20	24	27	22	20	20	20	20	20	19	19	19	20	20	19	19	19	19	19	21
26	17	17	17	17	17	17	18	19	20	20	19	20	20	19	20	20	21	21	21	21	22	23	23	23	20
27	20	20	18	17	17	17	18	19	20	20	19	20	17	16	16	16	16	17	18	17	17	17	18	17	17
28	17	17	16	16	16	16	16	17	18	19	19	19	18	19	19	19	19	19	19	19	18	18	17	17	18
29	14	14	14	14	13	14	15	16	19	18	18	16	16	16	16	17	15	15	16	15	14	14	14	15	15
30	15	14	14	14	14	14	14	14	15	15	15	15	15	15	15	15	14	14	15	15	15	16	16	17	15
31	15	14	14	15	18	15	16	17	16	17	17	17	17	16	17	16	17	17	17	18	18	19	20	21	17
MEAN	18	17	17	17	17	17	19	21	20	19	19	19	19	19	19	19	19	19	19	20	20	19	19	18	18.8

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

		POLLUTANT - TOTAL HYDROCARBONS										UNITS - 0.1 PARTS/MILLION														
		STATION - NO 34007					BATHURST/WILSON					TORONTO					MONTH - APR 75									
HOUR DAY		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		19	17	16	15	15	15	16	17	17	16	16	16	16	15	15	15	15	15	16	16	15	16	16	16	16
2		16	16	16	15	16	15	17	17	19	16	17	17	20	21	21	21	26	27	21	18	17	15	16	14	18
3		14	14	18	18	18	18	18	19	19	18	18	18	18	18	17	18	19	19	19	17	15	15	15	15	17
4		16	16	16	16	17	16	17	17	18	17	17	17	17	17	17	17	16	16	16	16	15	15	15	15	16
5		15	15	15	15	15	15	16	16	16	16	16	16	16	16	16	16	16	16	16	16	15	15	15	15	16
6		16	16	16	15	15	16	16	17	16	16	16	16	16	17	17	16	16	16	16	16	16	16	16	16	16
7		15	15	15	15	15	16	16	17	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
8		16	16	15	15	15	15	16	16	16	15	15	15	15	15	15	15	15	15	16	16	16	16	16	16	16
9		16	16	16	16	16	16	16	17	17	17	17	17	17	16	16	16	16	16	16	16	16	16	16	16	15
10		18	18	17	18	18	18	19	20	19	19	18	18	16	16	16	16	16	17	17	17	17	17	17	17	17
11		17	17	17	16	17	19	20	19	18	18	18	18	18	18	17	18	18	18	19	19	19	20	20	20	18
12		19	18	18	18	20	19	20	19	18	17	17	18	17	17	17	17	17	17	18	17	17	18	18	19	18
13		18	18	18	18	18	19	18	18	18	18	17	18	17	17	17	17	17	17	18	18	19	20	20	19	18
14		21	23	21	19	21	22	24	29	27	23	23	23	21	22	21	22	24	22	22	24	26	29	26	23	23
15		19	18	18	17	17	17	19	20	18	17	18	16	17	17	17	17	18	18	19	19	17	19	18	18	18
16		19	19	18	18	19	21	22	21	18	19	18	16	17	17	16	16	17	16	17	18	19	18	18	18	18
17		22	20	17	19	18	17	19	19	17	16	17	16	21	20	20	21	22	21	22	25	23	21	20	18	20
18		17	17	18	17	16	17	20	27	25	24	27	25	25	26	28	31	27	24	19	20	20	21	19	22	17
19		16	15	18	21	20	16	14	15	16	17	16	16	16	16	16	16	16	16	19	17	16	16	17	17	17
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21		16	17	17	17	16	17	17	18	17	17	17	17	18	17	17	17	17	17	18	18	19	20	20	24	18
22		25	26	27	27	28	29	30	32	30	26	23	22	21	20	20	21	24	23	23	25	26	29	32	36	26
23		43	51	39	34	31	27	27	29	25	22	22	22	21	20	20	20	23	22	23	22	20	17	19	20	26
24		19	16	20	18	17	17	17	17	17	17	17	16	16	16	17	16	16	16	16	17	16	16	16	16	17
25		16	15	15	15	15	16	19	20	19	18	17	16	19	18	18	18	19	18	18	18	17	18	21	21	18
26		19	19	18	17	19	19	19	18	18	18	17	16	17	17	17	17	17	17	17	18	18	18	19	20	19
27		22	21	20	19	21	23	23	18	17	17	17	17	17	17	17	17	17	17	18	18	18	18	19	20	18
28		19	21	21	21	20	21	20	20	18	18	18	18	18	19	19	18	19	20	20	20	20	20	20	20	19
29		22	21	21	22	23	23	29	33	30	26	23	22	22	21	22	23	23	21	30	30	30	22	22	22	22
30		23	22	21	20	20	23	26	29	26	24	24	22	22	22	22	23	22	21	20	21	19	19	19	18	22
MEAN		19	19	19	18	18	19	20	20	20	19	18	18	18	18	18	18	19	19	19	19	19	19	19	19	19



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS											UNITS - 0.1 PARTS/MILLION														
	STATION - NO 34007 BATHURST/WILSON TORONTO											MONTH - MAY 75														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	19	19	19	19	19	21	27	31	30	29	28	29	34	35	29	32	32	30	31	30	28	27	26	25	27	
2	25	20	19	20	22	23	21	20	19	19	18	18	18	19	19	18	19	19	19	22	25	22	23	25	21	
3	25	74	34	31	25	22	24	23	20	18	18	17	18	22	21	21	20	22	22	22	20	19	19	19	24	
4	18	16	15	15	15	15	15	15	16	16	16	19	20	21	20	21	20	18	18	17	15	15	15	15	17	
5	16	16	16	16	17	18	24	28	26	23	22	21	23	22	23	24	25	23	22	23	24	24	24	26	22	
6	28	28	26	25	22	21	26	25	22	21	21	21	24	22	21	24	21	19	21	25	23	27	23	22	23	
7	18	20	23	27	19	17	19	19	20	21	20	19	21	22	22	23	25	22	22	23	24	31	29	22	22	
8	19	18	19	18	18	20	21	24	21	20	22	22	22	22	22	24	24	23	24	24	30	37	34	24	23	
9	21	20	22	23	24	27	26	22	23	21	16	19	20	21	21	22	23	17	17	19	19	18	18	21	21	
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11	36	47	45	43	38	26	22	23	19	19	19	16	15	15	15	15	15	16	19	21	18	19	21	21	24	
12	22	23	24	24	26	26	24	26	23	21	22	23	24	26	25	25	22	29	22	23	23	21	19	24	24	
13	19	19	19	18	19	20	20	20	19	19	19	19	18	18	18	18	18	19	21	21	23	22	23	20	20	
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15	23	22	23	23	26	32	39	38	32	30	28	28	31	29	30	31	30	29	29	28	30	21	21	21	28	
16	20	18	17	17	17	19	19	19	19	22	19	18	18	18	18	18	18	19	20	20	20	20	21	19	19	
17	23	24	25	23	24	30	21	22	23	22	21	21	21	20	20	20	20	20	22	23	22	21	22	23	22	
18	24	27	30	32	29	27	25	24	23	23	23	22	21	21	21	21	21	21	22	23	24	28	30	27	25	
19	26	25	21	23	28	25	24	23	24	24	25	25	24	25	23	22	22	24	24	26	28	29	25	25	24	
20	23	21	20	22	22	25	30	32	29	25	26	24	24	25	24	25	25	25	26	28	31	30	29	26	26	
21	28	28	29	31	28	28	30	38	33	26	25	20	21	19	20	22	28	26	26	28	27	19	19	21	26	
22	20	18	23	25	24	25	30	31	29	27	25	22	25	28	25	25	24	22	25	31	25	24	29	35	26	
23	33	33	32	29	23	21	22	24	25	32	35	25	25	25	27	26	28	29	30	32	35	34	37	41	29	
24	32	26	25	22	19	20	22	22	21	23	23	24	23	23	24	24	24	25	26	28	29	30	34	29	25	
25	26	25	23	23	21	20	21	22	21	22	23	23	23	23	24	24	24	26	27	27	26	26	25	24	24	
26	25	25	26	22	23	28	35	30	24	23	22	22	20	20	19	24	24	21	22	22	20	20	22	42	24	
27	27	25	21	17	17	18	18	17	17	16	16	17	17	16	16	17	17	17	17	17	18	18	19	18	18	
28	19	18	17	17	20	18	18	18	17	18	18	17	18	18	22	21	18	18	18	20	21	22	24	25	30	
29	30	26	27	28	30	32	31	32	26	23	21	22	21	21	22	24	24	23	24	22	21	20	19	19	25	
30	19	18	18	18	20	26	32	36	32	31	28	24	21	22	25	27	25	26	26	28	40	35	27	22	26	
31	21	20	17	16	17	21	20	17	16	16	18	17	17	17	21	21	22	23	23	23	23	23	22	21	20	
MEAN	23	25	23	23	22	23	24	25	23	23	22	21	22	22	22	23	23	22	23	24	25	24	24	25	23	3

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS											UNITS - 0.1 PARTS/MILLION														
	STATION - NO 34007 BATHURST/WILSON TORONTO											MONTH - JUN 75														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	20	20	19	18	19	19	19	18	17	17	17	17	18	***	***	24	32	29	25	23	23	24	23	22	21	
2	22	22	21	22	22	24	25	23	24	23	24	24	23	23	22	23	24	24	24	25	28	25	25	22	24	
3	22	21	22	22	21	25	27	29	23	21	22	21	22	22	23	25	25	25	23	24	27	30	37	38	25	
4	36	35	30	29	30	28	25	22	19	18	20	23	23	22	23	27	26	26	26	26	21	22	24	21	25	
5	20	21	19	18	18	21	22	24	24	21	27	22	24	25	26	28	30	30	28	26	30	30	29	34	25	
6	36	27	25	25	27	33	29	22	19	18	16	17	17	17	17	17	17	17	17	18	17	17	17	17	21	
7	18	18	17	16	17	16	16	16	16	16	16	16	16	16	16	16	19	17	17	17	16	17	17	17	17	
8	17	17	16	16	16	17	16	16	16	16	16	17	17	16	16	16	16	16	16	16	17	17	18	18	17	
9	17	17	17	17	17	18	20	19	20	20	21	21	21	21	22	24	24	23	23	25	23	22	22	21	21	
10	25	25	24	23	23	26	30	28	27	***	22	21	21	21	21	22	24	23	23	24	25	27	25	24	24	
11	23	22	21	21	23	27	31	35	28	25	23	23	24	24	24	25	28	27	26	29	24	20	19	19	25	
12	19	19	19	19	20	22	29	33	32	25	25	22	19	19	19	24	25	23	21	21	23	23	21	21	23	
13	23	18	18	18	18	18	24	21	20	19	18	17	17	17	17	17	16	16	16	16	20	21	28	35	20	
14	31	32	40	34	24	20	21	21	20	20	22	22	21	20	20	19	20	20	22	23	25	24	22	23	24	
15	23	26	24	24	22	19	19	19	20	20	19	19	20	20	20	19	19	20	21	22	23	25	24	22	24	
16	16	16	17	17	17	18	19	19	19	18	18	18	18	19	18	19	19	19	19	22	29	30	31	31	20	
17	28	27	23	21	21	22	28	33	29	27	24	22	22	22	24	25	26	27	27	30	28	29	27	25	26	
18	24	22	21	18	19	20	21	24	23	21	20	20	20	21	20	20	20	21	21	22	23	24	27	30	22	
19	29	25	24	23	27	25	32	36	37	29	22	21	19	20	20	20	19	19	19	19	21	21	22	21	24	
20	20	19	20	21	19	19	20	21	22	22	22	22	25	27	26	25	26	30	30	30	29	28	37	35	25	
21	39	40	36	34	31	27	28	27	25	23	23	23	23	22	22	22	23	23	26	26	26	27	27	27	27	
22	27	29	27	25	24	26	25	22	24	26	24	23	27	25	24	23	23	23	25	26	26	28	30	32	26	
23	27	21	21	21	20	25	31	29	28	24	20	16	16	15	18	19	20	17	18	19	19	20	20	20	22	
24	18	18	18	17	17	20	21	22	20	16	16	16	15	15	15	16	16	17	17	17	17	17	16	17	17	
25	17	16	16	15	15	15	16	21	23	19	18	18	19	18	20	23	23	21	21	22	24	25	27	27	20	
26	23	21	21	20	21	20	27	28	28	22	21	20	21	19	19	24	26	25	24	25	26	27	27	25	23	
27	22	21	23	27	32	29	34	30	28	24	23	***	23	23	24	27	25	24	24	24	24	23	22	23	23	
28	23	24	23	22	23	24	20	20	17	17	17	20	24	22	21	21	22	24	22	23	24	22	20	21	21	
29	18	18	18	19	19	17	18	18	17	17	16	16	16	17	19	18	22	22	23	***	27	25	23	22	19	
30	22	21	21	20	19	20	23	23	17	21	20	19	20	19	18	19	19	20	22	24	26	27	31	32	22	
MEAN	24	23	22	21	21	22	24	24	23	21	21	20	21	21	21	22	22	22	22	22	23	23	24	25	25	22



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION													
STATION -		NO 34007 BATHURST/WILSON TORONTO										MONTH - JUL 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	31	31	27	26	30	27	23	20	18	19	****	20	21	19	19	20	19	21	24	24	25	22	25	23	23
2	27	26	30	27	23	23	23	23	21	19	18	20	23	18	18	18	18	19	19	20	19	19	19	19	21
3	21	18	18	18	21	23	22	22	20	20	****	14	15	18	19	22	23	21	21	19	18	16	19	19	18
4	17	17	17	16	17	20	18	18	16	16	16	16	16	16	16	17	17	17	19	20	22	23	19	16	18
5	15	18	16	16	17	16	16	15	15	15	16	21	21	20	20	21	21	23	23	23	23	26	26	23	19
6	23	18	18	21	19	20	23	22	21	18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	19
7	****	****	****	****	****	****	****	****	****	****	****	23	22	21	20	23	24	23	21	22	22	20	22	21	****
8	26	25	24	18	19	18	19	20	20	17	15	18	18	****	18	15	15	15	15	17	17	16	15	15	18
9	14	14	14	13	13	13	13	13	13	12	12	14	13	13	13	13	14	14	14	14	17	15	15	14	14
10	13	14	13	13	12	13	15	15	17	17	16	17	19	21	19	23	23	22	19	17	17	18	17	13	17
11	13	12	13	12	12	14	13	13	12	13	13	13	12	13	12	14	15	17	18	17	20	22	23	22	15
12	23	22	17	17	18	19	19	17	16	15	14	15	14	16	15	15	15	16	17	18	20	20	21	22	18
13	16	18	16	14	14	14	14	14	15	15	16	17	18	18	18	18	18	18	18	21	21	20	18	17	17
14	16	15	16	16	16	19	21	19	16	15	****	****	19	20	19	21	19	18	18	17	18	17	17	17	18
15	18	17	19	18	19	21	29	23	23	21	22	18	19	19	20	21	22	21	22	23	24	27	28	25	22
16	25	28	27	23	26	34	31	31	27	20	23	22	22	22	23	25	26	24	26	26	26	28	31	23	26
17	21	22	25	22	21	24	29	30	25	22	25	27	25	****	20	23	23	23	23	24	21	19	20	19	23
18	19	21	25	24	23	27	21	26	21	19	20	19	21	20	21	23	23	23	22	17	17	19	21	23	21
19	21	18	16	16	16	16	16	16	15	17	****	19	17	18	18	19	18	19	18	23	20	20	19	20	18
20	20	17	17	17	17	17	17	19	19	21	22	20	20	21	22	18	17	18	23	26	27	24	23	21	20
21	16	18	16	17	17	18	17	15	17	16	16	17	17	16	17	17	18	18	18	19	18	18	18	18	17
22	16	17	17	17	18	18	18	18	17	17	21	21	20	20	24	23	22	24	24	27	24	23	21	19	21
23	22	22	21	21	21	21	23	21	17	****	17	17	20	20	18	18	19	19	22	29	28	35	33	27	20
24	5	5	5	5	5	5	8	5	5	5	4	4	19	18	19	18	19	27	21	21	22	22	21	17	22
25	17	16	16	16	17	19	18	16	15	16	16	16	16	16	17	17	17	17	18	19	19	19	19	19	17
26	19	18	18	20	20	18	19	17	17	17	19	20	20	19	20	19	21	21	22	21	23	25	27	25	20
27	23	20	20	20	21	21	22	21	21	22	22	22	20	18	19	19	19	18	21	20	19	18	18	18	20
28	18	18	18	17	17	18	19	17	17	17	****	16	16	16	16	18	16	17	18	19	20	19	20	19	18
29	20	20	23	19	22	22	26	22	23	22	21	23	****	****	20	20	22	23	24	24	24	25	29	27	24
30	21	23	23	21	19	21	26	22	22	21	23	****	****	****	****	****	****	****	****	****	****	****	****	****	23
31	****	****	****	****	****	****	****	****	****	****	19	19	20	21	26	28	27	28	28	32	34	32	34	30	****
MEAN	19	19	19	18	18	19	20	19	18	17	18	18	19	18	19	19	20	20	21	21	22	22	22	20	19

NOTES 1. \*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS											UNITS - 0.1 PARTS/MILLION																								
	STATION -			NO. 34007								BATHURST/WILSON TORONTO											MONTH - AUG 75													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN											
1	29	31	25	27	27	28	26	24	31	29	27	27	26	26	26	28	28	29	30	31	35	31	24	27	28											
2	30	29	25	26	25	26	24	22	23	24	27	28	26	25	25	25	24	26	27	28	28	27	28	29	28											
3	26	25	21	16	16	16	19	20	18	20	22	21	20	20	20	22	22	20	20	22	22	21	21	21	26											
4	19	17	17	17	21	18	15	15	15	14	15	15	14	14	14	16	17	17	16	16	17	17	18	19	16											
5	17	16	15	15	21	19	15	16	16	15	14	14	15	15	17	20	20	20	21	20	20	19	19	18	18											
6	18	18	18	17	17	18	20	21	19	20	18	17	16	16	16	17	17	17	18	21	19	20	19	18	18											
7	18	16	16	15	15	16	17	17	16	16	16	15	15	15	20	23	22	23	22	26	35	32	28	20	22											
8	24	17	19	20	22	25	29	24	19	19	17	17	17	22	22	23	23	22	26	30	33	25	20	19	22											
9	22	19	18	18	19	19	20	18	18	19	17	18	18	17	17	18	19	19	21	22	21	22	21	20	19											
10	19	18	18	19	22	20	18	16	17	17	16	18	20	21	21	21	23	24	24	22	22	20	20	20	20											
11	21	18	17	17	19	23	26	25	25	23	19	18	19	22	22	18	20	24	23	19	18	19	21	21	21											
12	21	20	22	21	21	21	21	18	18	16	18	16	18	22	21	21	24	24	23	24	24	29	31	28	22											
13	29	32	33	32	28	28	33	31	25	25	25	27	27	21	21	19	20	19	30	21	24	22	18	18	25											
14	18	16	16	16	17	17	18	19	17	17	17	17	17	17	35	30	26	38	24	24	25	26	26	23	22											
15	21	22	33	32	37	27	36	35	35	36	35	33	32	32	31	36	31	31	29	27	27	25	26	28	31											
16	25	23	33	32	22	22	22	22	24	24	26	26	28	27	27	25	25	25	25	24	24	25	23	25	24											
17	28	29	31	30	27	25	27	27	27	28	29	30	28	27	24	24	24	23	21	22	21	21	20	20	26											
18	19	19	17	18	18	22	21	19	19	20	22	23	22	20	21	20	19	18	18	19	19	19	18	20	20											
19	17	19	22	22	21	21	22	23	21	19	19	20	19	22	22	18	18	18	18	18	18	19	21	25	20											
20	22	19	20	20	20	19	20	20	18	22	25	24	23	22	23	24	21	21	23	22	22	19	21	19	21											
21	19	25	23	23	28	35	42	33	35	27	30	28	24	26	26	30	24	20	20	18	18	19	19	20	26											
22	21	19	18	17	17	19	18	18	17	18	18	18	18	18	18	19	18	18	18	18	18	19	19	20	26											
23	23	21	21	22	22	25	24	24	23	21	21	21	21	21	21	21	21	21	23	23	24	24	26	26	20											
24	22	22	21	22	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25											
25	32	30	30	32	32	36	38	36	34	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33											
26																																				
27																																				
28																																				
29	23	22	23	21	21	24	26	25	22	23	23	22	23	23	24	27	26	24	22	22	23	20	21	19	23											
30	19	19	18	19	18	19	19	19	20	21	22	22	23	23	23	22	22	22	22	22	22	24	24	23	21											
31	21	20	21	21	20	19	20	20	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21											
MEAN	22	21	22	21	22	23	24	23	22	21	21	21	21	22	23	23	23	23	23	23	24	24	23	23	22											

NOTES 1. - - - - INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - - - - INDICATES DATA IS UNAVAILABLE  
3. - - - - INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION													
STATION -												MONTH - SEP 75													
NO 34007 BATHURST/WILSON TORONTO																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	20	20	****	22	****	22	21	22	22	23	24	25	29	25	24	25	26	27	28	30	32	33	29	25
2	27	26	26	28	29	30	34	32	28	25	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
4	25	25	27	24	25	25	24	22	19	19	19	20	22	22	22	21	21	20	20	21	22	22	22	22	22
5	23	22	30	28	24	24	25	26	25	****	30	28	26	26	27	29	28	27	25	25	24	23	22	23	26
6	22	23	23	23	23	23	21	20	20	20	20	20	20	21	21	20	20	20	20	21	21	20	20	20	21
7	21	20	20	23	34	22	23	23	23	23	23	24	24	24	24	23	23	24	24	26	25	27	26	26	24
8	25	24	23	24	24	25	28	27	24	****	20	20	20	20	19	18	18	18	19	19	18	18	18	18	21
9	19	19	19	19	21	26	25	21	21	21	21	21	22	21	21	21	21	21	22	22	23	26	29	28	22
10	28	27	26	25	26	29	29	27	27	31	30	28	29	28	28	28	27	29	30	30	36	31	30	29	29
11	29	31	32	33	35	42	48	39	30	27	27	27	27	28	29	31	30	25	24	26	24	21	20	19	29
12	19	18	18	18	18	19	21	21	23	21	****	19	18	17	17	17	17	16	18	19	17	15	16	16	18
13	17	17	18	17	17	18	18	17	17	16	17	17	16	16	16	16	16	16	17	16	17	18	17	18	17
14	21	18	19	19	18	17	17	17	17	17	18	17	19	19	19	20	19	18	20	24	26	26	23	21	20
15	21	23	24	24	27	30	36	41	35	28	****	22	22	21	21	24	22	22	22	23	25	29	30	31	26
16	33	31	32	34	35	34	37	50	51	43	35	33	31	32	28	26	27	27	29	30	27	26	26	26	33
17	29	29	30	35	34	34	34	30	26	23	25	24	24	25	26	27	25	26	28	26	24	23	21	21	27
18	21	19	19	19	19	21	25	26	24	24	24	23	23	23	24	25	23	22	22	21	21	21	21	20	22
19	20	19	18	18	19	25	30	26	23	25	24	24	23	24	27	28	26	27	29	34	37	37	33	28	26
20	25	25	24	23	22	22	21	17	18	17	18	18	19	20	22	20	26	27	21	22	21	21	20	18	21
21	19	18	18	17	18	17	18	18	18	18	19	19	20	17	17	17	17	17	18	17	16	16	16	16	18
22	15	15	16	16	15	18	21	22	19	18	18	****	20	20	19	20	19	19	19	20	21	23	20	20	19
23	21	19	20	22	24	30	25	23	20	19	19	19	19	19	19	19	20	22	19	20	20	19	18	18	21
24	18	17	18	18	19	23	23	21	20	20	21	21	21	****	19	19	19	18	20	19	18	18	17	17	19
25	17	16	16	16	17	20	22	21	20	20	20	19	20	21	22	22	22	22	21	21	20	20	20	20	20
26	18	18	19	18	18	22	29	32	31	28	29	29	28	32	29	30	30	20	19	20	19	17	18	20	24
27	21	18	18	17	17	17	18	19	19	17	17	18	18	18	18	19	18	19	24	23	24	24	22	22	19
28	23	22	21	21	21	21	21	20	21	21	22	24	24	24	26	26	26	27	30	36	40	35	42	30	26
29	27	30	36	41	41	47	54	57	42	34	35	35	36	33	32	26	24	28	29	29	27	28	27	28	34
30	26	26	26	26	21	22	26	28	26	23	21	21	22	21	21	21	20	21	24	22	21	22	23	24	23
MEAN	22	22	23	23	24	25	27	26	24	23	23	23	23	23	23	23	22	22	23	24	24	24	23	23	23.4

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS											UNITS - 0.1 PARTS/MILLION														
	STATION -											MONTH - OCT 75														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	26	26	25	26	25	29	37	36	33	26	25	22	22	21	21	22	22	22	23	23	24	23	22	21	25	
2	22	21	22	23	23	23	25	24	22	21	22	24	26	23	23	17	16	16	17	19	19	19	23	23	21	
3	24	19	18	17	18	19	23	24	24	21	20	20	22	22	22	22	19	18	16	16	16	15	15	14	19	
4	16	16	14	15	16	17	21	20	19	19	17	20	19	18	18	17	18	18	19	19	19	17	19	21	18	
5	23	18	14	14	15	15	16	18	20	21	21	21	20	19	19	19	20	21	22	21	21	20	20	20	19	
6	16	14	15	14	13	13	16	16	15	12	12	12	12	11	11	12	12	12	15	16	21	18	17	13	14	
7	12	12	12	12	13	13	15	19	17	15	14	15	19	23	23	23	23	24	31	31	37	40	38	37	22	
8	39	37	35	36	29	39	45	60	35	30	26	23	34	29	26	27	28	25	23	21	20	19	18	17	30	
9	16	16	16	15	16	17	18	19	18	18	17	18	18	18	20	22	22	21	20	20	19	20	20	21	19	
10	21	20	20	20	21	24	28	30	25	23	23	23	25	27	28	30	31	33	35	27	27	26	25	23	26	
11	20	22	23	24	26	25	20	19	18	20	17	17	17	17	17	16	16	17	17	16	16	16	16	17	19	
12	18	16	16	16	20	21	18	17	17	17	17	18	18	17	17	17	17	18	18	19	23	24	24	18	18	
13	24	27	23	22	23	25	27	27	21	22	20	19	20	21	21	21	21	21	23	28	33	30	25	22	24	
14	21	20	19	19	19	19	21	22	21	21	21	22	24	23	25	26	28	27	26	25	25	25	28	29	23	
15	31	28	24	21	20	27	35	33	23	20	20	19	19	19	19	20	20	24	23	24	25	21	17	16	23	
16	16	16	15	16	17	17	19	23	19	18	18	18	18	18	18	18	18	18	17	18	17	17	17	17	18	
17	19	18	18	18	19	20	22	28	25	21	21	20	20	22	23	26	27	24	23	22	20	19	19	20	21	
18	20	19	20	20	19	19	19	19	19	19	20	19	20	19	23	19	20	20	20	20	19	19	19	19	20	
19	20	19	19	18	18	18	19	19	19	19	19	19	20	21	21	23	23	22	22	22	22	19	19	20	20	
20	19	19	19	19	19	20	21	24	25	25	24	22	21	22	21	21	21	22	22	22	22	20	21	21	21	
21	20	18	18	18	18	21	25	27	25	24	25	24	23	22	23	24	23	23	29	24	23	24	26	30	23	
22	27	24	22	19	19	20	35	27	23	22	21	21	22	21	26	27	25	32	37	34	28	28	24	22	25	
23	22	21	19	20	21	25	32	34	30	29	****	****	****	****	26	28	29	33	38	30	32	32	33	35	29	
24	34	27	27	27	28	36	45	54	44	39	30	27	27	29	31	34	35	35	37	32	32	25	22	22	32	
25	22	22	21	21	21	21	23	24	24	24	24	21	20	21	21	21	21	22	24	24	23	24	25	26	23	
26	26	26	24	23	23	23	24	24	24	23	22	21	22	22	23	24	24	27	29	27	28	29	31	31	25	
27	29	33	35	38	35	35	44	61	46	39	32	28	25	26	26	26	26	26	35	31	31	32	36	35	35	
28	33	34	33	30	31	33	35	37	39	34	30	32	30	29	29	29	30	26	24	24	23	23	24	25	30	
29	24	22	22	22	22	22	22	22	22	22	22	21	22	22	21	21	21	22	22	23	22	22	23	23	22	
30	23	23	23	22	23	23	24	25	25	24	23	22	22	22	21	21	22	25	29	43	33	31	31	36	26	
31	41	39	36	37	35	36	38	49	46	36	25	25	24	24	20	23	26	26	23	24	23	20	19	20	30	
MEAN	23	22	22	21	21	23	26	28	25	23	22	21	22	22	22	22	23	23	24	24	24	23	23	23	23	1



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION															
STATION -			NO 34007										BATHURST/WILSON TORONTO										MONTH - NOV				75	
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN			
1	19	20	19	18	17	17	17	18	19	19	18	18	18	18	17	17	17	18	18	18	19	19	21	21	18			
2	23	20	20	19	19	20	22	24	26	20	21	23	24	25	25	24	27	29	24	21	19	18	19	18	22			
3	21	19	18	19	20	21	26	32	33	24	26	26	19	24	25	27	31	37	41	38	33	28	29	36	27			
4	- DATA INVALID -													- DATA INVALID -														
5	- DATA INVALID -													- DATA INVALID -														
6	- DATA INVALID -													- DATA INVALID -														
7	21	19	21	19	19	19	19	20	22	23	20	19	19	19	18	18	19	21	19	20	23	24	29	30	21			
8	42	44	39	43	46	37	27	24	23	20	20	21	22	23	23	23	24	25	25	25	22	22	21	21	28			
9	21	19	19	20	20	21	22	23	22	23	20	21	19	19	18	18	18	18	18	18	18	18	18	18	20			
10	18	19	19	18	19	19	20	24	26	22	19	19	20	19	20	21	29	35	33	29	26	34	34	36	24			
11	37	30	23	21	20	19	21	25	30	26	24	24	25	28	32	31	30	32	34	44	59	52	28	30	30			
12	17	18	18	18	18	18	20	22	28	21	19	18	17	17	17	16	17	17	17	17	17	17	17	17	18			
13	17	17	16	17	17	17	17	18	18	18	18	18	17	16	16	16	16	17	17	17	17	17	17	17	18			
14	21	19	19	18	19	21	22	22	25	23	21	21	22	20	19	20	21	21	22	21	21	21	21	21	21			
15	22	22	22	19	17	17	17	18	17	18	18	18	18	18	18	19	23	26	29	29	29	30	30	30	22			
16	31	27	28	28	28	30	34	40	45	31	30	30	23	23	21	21	27	25	21	21	22	24	23	21	27			
17	23	22	20	20	22	22	26	35	44	30	23	22	28	40	35	36	37	44	31	27	27	24	24	24	29			
18	24	24	24	22	21	21	25	26	28	30	37	34	34	35	29	30	35	43	40	44	48	40	38	50	33			
19	46	54	54	48	46	57	66	65	69	62	42	32	30	31	31	32	31	25	23	22	23	22	21	40	40			
20	19	20	20	20	16	17	18	24	23	20	20	19	18	20	19	19	19	19	19	19	19	19	19	19	19			
21	19	18	18	17	17	17	17	18	18	18	18	17	17	18	17	18	19	19	19	20	20	20	20	20	18			
22	20	21	21	21	21	21	20	20	21	23	23	23	23	21	22	21	21	22	23	25	25	22	22	22	22			
23	22	21	20	20	19	19	21	25	26	24	21	19	17	18	19	21	21	22	23	22	22	22	21	21	21			
24	22	21	21	20	19	19	22	25	25	22	21	21	21	21	21	21	23	21	19	18	18	18	18	21	21			
25	17	17	17	17	17	17	21	24	24	24	23	23	23	21	21	22	24	22	23	22	19	19	19	18	21			
26	18	18	17	17	18	18	22	23	22	20	19	19	18	19	22	23	23	23	21	21	20	22	20	20	20			
27	21	21	22	19	19	19	20	21	21	20	21	21	21	22	21	22	24	28	26	28	36	40	41	24	24			
28	38	39	37	34	28	20	20	21	22	26	23	22	23	23	22	23	22	22	22	22	23	23	24	25	25			
29	24	23	22	20	19	19	19	20	20	21	20	20	21	20	20	19	19	19	19	18	18	19	19	19	20			
30	24	23	22	20	19	19	19	20	20	21	20	20	21	20	20	19	19	19	19	18	18	19	19	19	20			
MEAN	24	24	23	22	22	22	23	25	27	24	23	22	21	22	22	22	24	25	24	24	24	24	24	24	23	24		

- NOTES 1. - - - - - INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - - - - - INDICATES DATA IS UNAVAILABLE  
3. - - - - - INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS											UNITS - 0.1 PARTS/MILLION													
	STATION -											MONTH - DEC 75													
	NO 34007 BATHURST/WILSON TORONTO																								
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	17	18	17	17	17	18	18	18	18	19	18	19	18	19	19	20	19	20	20	19	19	19	19	18
2	19	18	18	18	18	20	22	24	29	32	29	22	23	26	23	24	24	29	25	27	25	23	22	21	23
3	20	17	16	17	18	20	21	22	26	23	21	21	21	21	21	17	18	21	19	27	23	25	25	22	21
4	21	26	22	21	19	21	22	24	26	25	23	23	21	20	19	22	26	25	22	22	21	21	20	21	22
5	22	22	23	22	25	26	29	34	42	43	36	31	21	20	19	22	26	25	22	22	21	21	20	21	22
6	13	13	13	12	13	12	12	12	12	11	11	11	11	11	10	10	11	12	12	12	13	12	12	12	25
7	13	13	13	13	13	13	13	13	14	14	13	13	14	13	14	15	16	16	17	16	16	16	16	15	14
8	14	14	14	13	14	13	13	15	16	15	16	15	16	15	14	14	15	16	17	16	16	16	16	15	14
9	19	19	19	19	19	20	21	24	24	23	21	20	20	21	21	21	24	25	23	21	20	20	20	20	16
10	26	26	28	29	28	21	21	22	22	21	21	20	21	21	22	22	20	18	17	17	18	19	18	18	22
11	18	18	17	18	19	18	17	20	26	20	19	17	16	15	16	15	17	18	19	21	22	22	23	23	19
12	23	20	20	20	19	20	23	24	23	22	22	22	22	20	20	19	19	18	19	19	22	22	23	23	19
13	19	18	18	17	17	17	17	17	18	18	19	20	22	21	23	23	25	25	25	27	30	30	25	23	21
14	24	25	24	20	23	22	20	19	18	18	18	18	20	21	21	20	20	18	19	18	18	18	19	18	20
15	17	16	15	14	14	14	16	18	17	16	14	14	15	15	15	15	15	15	15	15	16	16	16	16	15
16	16	16	16	16	16	16	16	17	18	18	16	15	14	15	15	15	15	15	15	15	16	16	16	16	15
17	22	21	20	21	19	20	22	25	24	21	21	20	19	19	19	19	19	19	19	19	19	19	19	19	20
18	19	18	18	18	18	18	18	18	18	18	17	16	15	15	16	17	20	20	20	21	20	19	19	19	18
19	18	18	18	18	18	18	18	18	18	19	19	20	20	20	23	25	28	26	26	25	24	24	23	22	21
20	21	20	20	18	19	18	18	19	19	19	20	20	20	19	19	19	19	19	19	19	19	19	19	19	19
21	18	18	18	18	18	18	18	19	19	19	19	19	18	17	17	18	21	21	22	23	26	28	30	32	21
22	33	28	26	27	27	23	24	35	57	53	44	40	39	36	36	23	24	25	26	25	20	21	21	19	30
23	19	19	19	19	18	18	19	19	21	22	19	17	16	17	17	18	21	22	19	19	19	20	20	19	19
24	20	20	20	19	19	28	33	34	36	30	27	27	26	26	23	30	24	23	22	22	21	21	21	21	25
25	20	20	21	21	21	21	21	21	21	21	22	22	24	23	22	23	23	23	24	23	23	24	28	26	22
26	25	24	21	19	20	20	20	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	20
27	18	18	18	18	18	18	18	18	18	18	18	18	17	17	17	17	17	19	19	19	19	19	19	19	20
28	23	22	21	22	23	34	29	25	25	30	30	31	22	20	20	21	22	21	22	21	22	21	22	21	19
29	22	22	22	22	24	25	26	29	30	32	36	31	26	22	24	26	26	27	26	26	24	22	23	23	24
30	22	22	23	22	22	22	25	28	27	24	22	22	23	27	25	25	25	22	20	21	22	22	23	18	23
31	17	17	17	17	17	18	20	25	26	23	22	20	20	20	20	18	19	21	21	21	20	19	19	19	20
MEAN	20	20	19	19	19	20	20	22	24	23	22	21	20	20	19	20	21	21	21	21	21	21	21	20	20.5



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - NO 34007 BATHURST/WILSON TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	19.2	24	33
FEB	28	19.0	25	36
MAR	31	18.8	25	44
APR	30	18.7	26	51
MAY	31	23.3	29	74
JUN	30	22.3	27	40
JUL	27	19.4	26	35
AUG	26	22.5	31	42
SEP	28	23.4	34	57
OCT	31	23.1	35	61
NOV	26	23.4	40	69
DEC	31	20.5	30	57
YEAR	348	21.1	40	74

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - NO 34007 BATHURST/WILSON TORONTO

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141 - 200	201&OVER	TOTAL
JAN	0	424	273	4	0	0	0	0	701
FEB	14	410	232	6	0	0	0	0	662
MAR	0	495	234	9	0	0	0	0	738
APR	0	513	185	10	0	0	0	0	708
MAY	0	179	490	61	1	0	0	0	731
JUN	0	212	457	36	0	0	0	0	705
JUL	12	364	296	12	0	0	0	0	684
AUG	0	205	381	53	0	0	0	0	639
SEP	0	186	437	62	0	0	0	0	685
OCT	0	217	425	92	1	0	0	0	735
NOV	0	211	346	71	4	0	0	0	632
DEC	2	340	368	23	0	0	0	0	733
YEAR	28	3756	4124	439	6	0	0	0	8353

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
95.4	4	15.4	17.6	19.6	22.0	27.1	30.4	35.1	38.8	74	21.1



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS														UNITS - 0.1 PARTS/MILLION											
STATION - NO 35003 ELMCREST ROAD, ETOBICOKE														MONTH - JAN 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	45	40	28	21	23	25	27	26	26	26	25	25	25	24	23	23	22	21	22	23	24	25	27	29	26
2	30	33	36	34	39	43	42	38	42	41	35	26	23	20	18	19	22	24	20	20	24	26	30	30	30
3	32	30	26	25	27	28	30	29	32	32	30	30	28	26	27	28	28	22	19	19	19	18	19	20	26
4	20	20	21	21	20	25	25	21	21	22	24	23	23	28	31	32	30	31	23	22	29	36	22	30	25
5	27	23	31	22	26	24	27	30	25	20	20	20	21	21	20	20	20	23	25	22	22	22	22	24	24
6	22	22	23	23	22	21	22	23	21	21	22	21	23	23	23	24	26	25	26	27	26	28	28	29	24
7	29	28	27	27	27	27	27	27	26	28	28	28	27	26	26	28	28	26	30	34	43	43	45	40	30
8	36	30	29	26	26	26	26	27	27	26	26	26	26	27	26	24	23	23	23	23	24	23	24	25	26
9	24	25	25	27	28	30	31	30	30	31	30	22	20	18	18	18	18	18	19	19	19	20	22	23	24
10	24	24	24	24	24	23	22	23	25	25	24	24	21	21	22	23	23	23	23	23	24	24	23	22	23
11	22	20	19	19	18	18	19	18	18	17	15	14	14	13	13	13	13	13	13	14	15	15	16	17	16
12	17	17	17	18	18	18	18	18	19	20	19	17	15	15	17	17	17	17	17	17	17	17	17	17	17
13	15	15	15	15	15	15	15	15	15	15	15	15	13	13	13	21	18	16	16	18	17	17	17	17	14
14	15	13	13	14	15	14	15	14	15	14	13	15	13	12	22	23	22	21	22	21	21	20	20	20	17
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17	20	18	19	19	18	20	24	21	20	20	19	19	20	19	19	23	29	33	28	28	28	29	30	23	23
18	29	28	29	27	24	25	25	24	22	21	21	20	20	21	21	21	21	21	21	21	20	19	19	19	20
19	29	28	29	27	24	25	25	24	22	21	21	20	20	21	21	21	21	21	21	21	20	19	19	19	20
20	29	28	29	27	24	25	25	24	22	21	21	20	20	21	21	21	21	21	21	21	20	19	19	19	20
21	22	22	23	23	22	22	22	22	21	20	22	21	20	20	20	22	22	22	21	21	21	22	23	23	22
22	23	22	21	21	21	23	25	27	26	25	24	23	23	23	24	25	32	40	36	42	35	34	44	35	28
23	32	48	39	40	34	40	27	30	28	25	22	21	21	21	21	21	21	22	22	22	22	22	22	22	28
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25	24	24	24	24	25	27	27	27	25	24	24	24	24	24	22	20	20	20	42	26	23	22	21	15	24
26	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	19
27	27	27	27	27	30	30	29	29	34	37	30	26	23	23	23	23	23	23	24	26	25	25	26	26	27
28	26	26	25	25	23	23	22	22	21	21	21	26	26	26	26	26	26	26	26	26	26	26	26	26	27
29	22	24	24	24	24	25	28	29	29	28	28	26	26	26	26	24	26	26	26	28	30	32	35	40	29
30	22	24	24	24	24	25	28	29	29	28	28	26	26	26	26	24	26	26	26	28	30	32	35	40	29
31	60	53	44	44	47	37	32	35	33	28	25	23	22	19	19	19	20	24	23	23	26	26	30	26	31
MEAN	26	26	25	24	24	25	25	25	25	24	23	22	21	22	22	22	22	24	23	23	24	24	25	26	23

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION												
STATION -			NO 35003 ELMCREST ROAD, ETOBICOKE										MONTH - FEB 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	27	27	25	29	26	26	25	25	25	25	23	21	21	18	18	18	18	28	25	29	31	42	32	32	
2	31	32	34	40	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	26
3																									
4																									
5	23	40	41	51	48	38	57	38	30	28	28	28	28	28	28	18	17	17	18	20	22	21	23	23	
6	25	37	47	40	58	37	31	29	27	25	24	22	20	17	19	22	26	32	25	24	25	25	25	25	33
7	19	21	21	20	21	23	24	19	19	19	19	19	19	19	19	19	21	21	24	23	24	23	23	23	28
8	21	22	22	21	21	22	22	21	20	20	20	20	21	21	20	21	21	21	22	22	22	23	23	22	21
9	22	25	23	24	23	23	27	28	25	25	24	22	21	22	23	22	22	22	22	22	22	22	22	22	23
10	22	22	23	23	24	24	25	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
11	62	37	28	34	28	25	27	29	30	28	26	26	25	27	30	35	27	27	32	57	62	30	25	25	33
12	25	25	26	25	26	26	25	27	42	22	22	22	22	22	22	25	25	27	28	29	27	24	22	23	26
13	21	21	21	21	22	21	22	23	22	21	22	22	22	22	22	21	21	21	22	24	28	57	33	29	25
14	29	30	30	30	30	36	35	30	30	30	30	30	30	29	29	29	29	29	30	29	30	30	34	34	31
15	43	38	46	38	37	38	46	53	39	38	36	34	33	31	30	29	29	29	29	29	30	31	31	31	35
16	33	33	33	33	32	32	33	34	33	32	31	29	29	29	28	29	30	34	40	42	43	45	46	39	34
17	38	42	46	57	48	47	45	32	29	29	29	28	28	28	28	28	28	28	28	28	28	28	28	28	31
18	25	25	24	26	29	30	31	31	31	32	32	31	31	31	32	32	33	33	33	33	34	33	34	33	31
19	33	33	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	29
20	24	23	22	22	22	23	24	25	26	24	24	23	21	21	22	22	22	23	24	24	24	23	24	24	23
21	24	25	26	26	26	26	27	29	28	26	25	24	23	23	23	23	23	24	26	32	32	32	33	33	27
22	35	38	44	42	38	35	34	35	35	32	30	28	28	24	24	25	26	25	25	25	24	25	27	32	31
23	36	36	34	30	32	32	32	31	31	32	31	30	31	30	30	31	31	28	27	27	27	28	28	27	31
24	25	27	26	25	24	25	25	25	25	25	25	25	25	25	25	24	24	25	22	26	25	23	24	23	25
25	25	26	26	27	28	28	25	25	25	24	23	23	24	24	25	25	24	24	22	21	21	21	21	20	24
26	19	20	20	20	21	21	21	21	20	20	20	20	17	16	16	16	17	17	17	17	18	18	18	18	19
27	18	18	19	19	19	19	19	19	18	18	17	17	17	17	17	17	18	18	19	19	19	19	19	19	18
28	19	19	19	20	21	21	20	19	18	18	18	18	25	25	25	24	23	23	22	19	20	19	20	20	21
MEAN	28	29	29	30	30	28	29	28	27	26	27	27	25	24	24	24	24	25	25	26	28	26	26	26	26



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS											UNITS - 0.1 PARTS/MILLION														
	STATION - NO 35003 ELMCREST ROAD, ETOBICOKE											MONTH - MAR 75														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	21	21	20	19	20	19	19	19	18	18	18	18	18	18	18	18	18	23	25	24	23	20	21	21	20	
2	21	21	24	23	23	26	26	26	23	21	20	19	20	20	20	19	19	19	20	20	21	22	22	21	22	
3	22	21	20	21	21	21	21	21	20	21	20	20	20	18	18	18	18	19	20	21	21	21	21	22	20	
4	21	21	22	26	25	23	23	22	21	19	19	18	19	18	***	***	19	18	19	20	20	21	21	21	21	
5	21	21	23	23	44	35	24	23	22	22	21	21	20	20	20	20	20	20	22	24	26	25	25	24	24	
6	26	26	24	22	21	21	23	25	23	21	20	20	19	20	20	18	18	19	21	22	23	23	22	22	21	
7	22	22	24	24	23	21	21	21	22	22	21	***	22	***	***	22	20	21	21	20	19	18	18	19	21	
8	20	17	18	22	24	27	27	29	28	24	20	19	19	20	20	20	18	17	20	27	29	32	35	38	24	
9	34	47	50	48	45	45	44	40	32	23	22	19	18	18	18	18	18	19	20	23	22	21	21	22	29	
10	22	22	22	22	23	23	25	27	33	28	24	22	22	***	25	24	25	26	26	56	42	34	36	64	29	
11	55	38	32	31	32	29	28	31	32	31	31	29	27	25	31	24	24	24	24	25	25	25	24	24	29	
12	24	24	25	24	23	23	23	23	23	24	25	26	27	***	28	28	27	26	25	25	25	24	23	23	25	
13	23	23	23	22	22	22	22	21	22	21	22	22	23	22	22	22	23	24	26	26	26	26	26	26	23	
14	27	26	26	26	26	25	25	24	23	24	24	25	25	***	23	22	23	23	23	23	23	24	29	27	25	
15	29	28	27	26	25	24	24	25	24	22	21	20	20	20	20	20	20	20	21	22	22	22	22	22	23	
16	23	23	24	25	25	26	26	26	25	25	24	23	22	23	23	23	26	28	34	64	49	52	52	42	31	
17	31	31	36	36	29	28	27	28	25	24	23	22	22	22	22	21	21	22	23	26	27	31	28	26	26	
18	26	49	57	46	42	42	43	43	32	26	24	23	23	***	22	22	23	27	34	37	40	31	29	29	33	
19	29	28	28	27	26	26	25	24	24	24	25	25	25	27	28	43	36	33	28	30	26	24	22	22	27	
20	21	22	21	21	22	22	22	22	22	22	22	21	22	22	***	32	21	21	22	22	23	23	23	23	22	
21	25	25	27	25	23	23	23	23	24	24	25	26	26	***	23	23	23	26	26	25	24	23	23	22	24	
22	22	22	22	22	22	22	22	22	22	22	23	23	23	24	24	24	21	19	19	19	20	20	20	20	22	
23	20	21	21	20	20	20	20	20	21	20	20	20	19	19	19	20	20	21	21	22	24	26	25	25	21	
24	25	24	23	22	22	22	22	22	23	24	24	24	24	24	24	24	24	24	25	27	27	30	29	31	25	
25	29	27	26	26	25	25	26	26	25	24	23	22	***	***	22	21	21	21	21	23	22	23	23	24	27	
26	23	23	25	25	26	27	27	27	29	28	28	27	27	27	26	26	26	26	26	26	27	28	28	28	28	
27	30	31	32	36	32	31	31	31	31	***	***	23	23	23	23	23	23	23	23	24	27	28	29	28	28	
28	28	27	27	27	26	26	26	26	26	26	25	24	23	23	23	23	23	23	23	23	23	23	23	22	25	
29	22	22	22	22	22	22	22	22	23	25	24	21	20	20	19	19	19	19	19	19	19	19	19	19	21	
30	20	20	20	20	20	20	20	20	20	20	19	19	19	19	18	18	18	18	18	18	18	18	19	19	19	
31	20	20	21	21	22	21	22	22	22	22	21	20	20	20	20	20	20	20	21	24	25	25	26	25	22	
MEAN	25	26	26	26	26	25	25	25	25	23	23	22	22	21	22	23	22	22	23	26	26	25	25	26	24	2

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION														
STATION - NO 35003 ELMCREST ROAD, ETOBICOKE												MONTH - APR 75														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	26	26	27	27	26	25	25	25	25	25	23	23	23	***	22	22	19	19	20	21	23	24	25	26	24	
2	26	24	24	24	25	31	24	24	25	24	25	26	25	26	26	25	25	25	24	25	24	25	24	23	23	25
3	21	20	20	20	21	21	21	19	19	21	23	22	18	18	**	17	17	16	17	16	17	16	16	16	16	19
4	17	17	17	17	17	17	17	17	17	17	18	18	18	17	17	17	17	17	17	18	21	20	22	22	18	
5	22	21	21	20	20	21	21	21	22	20	18	19	19	18	19	20	19	17	17	18	21	21	21	24	20	
6	22	21	22	20	19	19	21	19	19	19	19	20	21	21	20	18	17	18	18	19	19	18	19	21	20	
7	23	20	22	22	18	18	19	20	20	20	19	20	**	**	20	20	17	18	16	17	18	19	21	21	20	
8	20	24	23	23	21	20	19	19	20	19	20	19	20	20	20	17	18	17	19	19	25	23	26	20		
9	23	22	20	22	19	19	19	18	20	17	17	18	17	21	17	15	16	17	19	19	25	25	26	20		
10	22	38	36	31	37	36	29	22	21	20	17	18	18	19	18	18	18	19	25	24	23	25	23	19	24	
11	28	30	35	34	32	30	28	23	20	18	18	**	**	19	17	18	18	18	19	21	25	30	25	23	24	
12	26	28	37	34	28	26	26	24	19	18	17	17	17	17	17	18	18	19	19	22	25	31	26	27	24	
13	27	26	26	26	26	25	21	20	18	19	18	17	17	17	17	17	17	17	19	24	27	25	26	30	22	
14	31	33	32	28	29	30	29	25	23	22	19	18	**	**	17	17	17	17	17	17	18	41	48	56	28	
15	67	32	34	24	27	30	25	26	22	19	17	17	16	16	15	15	17	18	21	20	25	27	32	25	24	
16	26	20	18	19	22	25	19	17	16	16	14	14	14	13	13	13	14	16	16	17	20	19	17	17	18	
17	28	24	26	20	18	18	18	22	19	16	16	15	15	15	**	16	16	16	17	18	20	19	20	18	19	
18	17	17	17	17	16	16	16	17	19	19	19	23	23	21	24	28	19	17	17	18	20	19	20	18	19	
19	18	14	14	16	17	15	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	12	12	
20	11	11	11	11	11	11	12	12	12	12	12	12	12	12	12	12	12	12	13	13	13	13	13	13	13	
21	14	14	14	14	14	14	15	15	15	15	15	15	15	15	15	16	16	16	16	17	24	22	26	23	16	
22	22	25	27	26	26	28	47	25	21	20	20	19	17	16	16	**	**	**	**	**	**	**	**	**	**	
23	**	**	**	**	**	**	**	**	**	**	**	**	**	**	22	21	20	20	22	22	22	20	19	18	**	
24	18	18	18	18	18	18	18	18	19	19	19	19	19	19	19	19	18	18	18	19	19	21	22	19	19	
25	19	19	19	19	18	18	18	19	19	19	19	19	20	20	21	21	20	20	20	21	21	25	22	21	20	
26	21	21	20	20	20	20	20	20	20	20	20	20	19	18	18	19	19	19	19	20	19	21	24	26	20	
27	22	22	22	22	24	26	25	26	22	21	21	20	20	20	20	20	22	24	23	23	27	26	30	34	23	
28	35	23	20	28	39	37	29	22	21	21	20	20	19	19	19	22	23	22	21	25	35	36	41	32	26	
29	32	39	41	26	33	31	30	27	24	21	20	19	**	20	20	20	20	20	20	21	21	21	22	23	25	
30	23	23	25	26	26	26	26	26	25	23	23	22	22	21	21	20	21	21	21	21	21	21	22	22	23	



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS														UNITS - 0.1 PARTS/MILLION											
STATION - NO 35003 ELMCREST ROAD, ETOBICOKE														MONTH - MAY 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	23	23	23	23	24	25	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	20	20	20	22	32	21	21	34	36	****
3	27	37	27	29	32	29	28	27	23	21	21	21	21	19	19	19	19	19	20	20	20	20	19	20	23
4	21	21	21	20	20	20	20	20	20	20	20	20	19	19	19	19	19	19	19	20	21	24	24	24	20
5	21	20	20	20	20	20	20	21	21	22	22	22	22	23	23	26	26	26	24	25	25	23	24	24	23
6	26	26	31	26	27	27	25	23	23	22	22	22	22	****	21	21	22	23	23	23	23	25	24	26	24
7	23	33	29	26	28	26	23	22	23	31	42	29	26	28	34	23	18	18	20	22	25	28	28	30	26
8	30	28	24	23	25	30	23	21	21	22	33	39	48	50	33	23	22	22	23	27	35	34	33	29	29
9	24	27	43	27	24	27	30	26	24	22	21	34	****	45	42	23	23	27	28	37	30	31	26	30	29
10	35	38	31	28	23	28	31	28	25	23	22	22	19	19	18	18	19	18	19	21	22	37	41	31	26
11	45	38	34	33	35	31	26	24	20	18	16	16	16	16	16	16	16	16	17	20	24	36	32	32	25
12	33	40	47	28	29	36	30	30	25	24	23	23	****	61	57	56	55	58	57	66	67	56	52	46	43
13	45	43	42	42	43	44	39	40	39	39	36	35	35	35	37	36	37	39	46	71	57	56	59	57	44
14	63	73	76	67	69	68	68	59	49	45	36	27	25	23	22	22	22	23	25	25	25	23	24	25	41
15	27	27	29	32	57	52	40	40	37	28	24	24	27	26	26	27	26	25	****	****	****	****	****	****	32
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	23	21	20	21	22	25	25	25	25	24	****
17	23	23	27	27	27	30	30	25	24	23	22	21	20	19	18	19	19	21	21	22	23	24	26	25	23
18	26	32	32	31	30	30	30	29	24	22	22	22	23	22	21	21	21	22	24	25	26	28	30	29	26
19	30	37	30	30	32	34	31	29	29	29	26	24	24	23	20	20	21	24	24	24	27	30	31	31	28
20	29	28	27	24	23	23	27	26	****	****	****	****	****	25	22	22	22	23	23	23	23	25	28	26	25
21	26	29	34	35	33	32	30	30	28	26	24	23	22	22	22	23	27	29	30	27	26	32	34	31	28
22	27	39	31	28	29	32	31	31	30	28	26	24	****	****	27	26	26	26	30	31	31	32	33	40	30
23	54	35	29	28	28	29	26	27	28	30	30	28	26	25	24	24	24	24	25	27	32	41	37	30	30
24	31	34	42	30	27	25	25	25	25	25	25	25	25	25	25	25	24	24	24	25	26	27	27	26	27
25	26	26	30	30	29	26	24	24	24	24	24	24	24	24	24	24	24	24	24	26	30	34	36	34	27
26	32	32	30	29	29	29	28	25	24	23	22	****	22	21	21	21	22	22	22	22	23	26	27	25	25
27	26	26	25	22	22	22	21	22	21	20	20	20	20	20	19	19	19	19	19	20	22	24	25	25	22
28	25	25	24	25	25	24	25	26	29	25	23	23	23	22	24	22	22	23	24	35	39	35	32	30	26
29	32	35	34	37	37	35	41	37	38	44	41	29	30	27	25	24	25	24	24	24	24	24	24	24	31
30	25	25	26	27	30	30	30	31	36	35	34	32	28	24	24	24	25	26	25	25	26	27	27	27	28
31	28	27	27	27	27	26	24	23	22	21	20	20	20	20	20	20	20	20	20	21	22	22	25	26	23
MEAN	30	32	32	29	30	31	29	28	27	26	26	25	24	26	25	23	24	24	25	28	28	30	31	30	27.8

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION												
STATION - NO 35003 ELMCREST ROAD, ETOBICOKE													MONTH - JUN 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	29	26	28	25	23	23	23	22	22	21	21	21	21	21	21	21	21	20	20	21	22	23	23	23	23
2	24	24	24	25	26	28	30	29	30	34	40	33	46	31	25	24	24	24	27	28	28	26	26	26	28
3	27	28	28	27	27	27	27	28	28	26	25	24	24	26	23	23	23	22	22	23	25	28	31	31	26
4	33	30	31	27	31	31	35	29	26	24	24	24	24	23	24	26	25	23	25	26	24	24	25	25	27
5	25	25	24	23	***	***	***	***	***	***	***	***	24	23	25	27	29	28	25	24	28	32	29	26	26
6	31	26	22	27	30	26	23	22	20	20	19	19	19	19	19	19	19	19	19	19	19	19	20	21	
7	20	20	20	20	20	20	20	20	20	20	20	20	20	21	22	20	20	20	20	20	20	21	21	22	20
8	21	21	21	22	23	23	23	23	22	22	21	21	21	21	20	20	20	20	22	22	22	22	23	22	22
9	24	26	28	27	26	24	25	25	26	25	24	23	24	21	20	20	20	20	20	21	22	23	22	25	23
10	31	30	31	30	29	37	42	33	26	23	22	21	21	20	20	20	20	20	20	21	22	22	23	23	25
11	23	22	22	30	32	39	40	31	27	25	25	24	24	23	24	24	24	24	25	25	24	23	23	23	26
12	23	23	23	24	25	26	31	36	33	24	21	21	20	****	17	17	17	18	17	18	18	19	19	19	22
13	26	24	22	22	22	22	22	22	22	21	21	21	21	21	21	21	20	20	20	21	31	33	29	31	23
14	32	32	33	30	30	29	29	28	27	24	22	22	22	21	20	20	20	20	20	20	25	27	27	26	25
15	25	25	25	25	25	25	26	27	26	25	24	23	22	22	21	21	21	21	21	20	21	22	22	23	23
16	24	23	23	24	24	23	23	23	23	23	22	22	22	21	21	21	21	21	21	21	22	22	22	23	22
17	30	34	32	31	32	33	31	29	28	26	26	25	26	24	24	24	24	24	24	24	25	25	25	25	27
18	24	23	22	22	22	22	22	22	22	22	22	21	21	21	21	21	21	21	21	22	26	26	26	27	23
19	33	29	30	28	28	28	29	31	30	27	24	**	23	21	19	19	19	19	20	21	23	24	22	39	26
20	27	31	29	32	26	28	25	25	24	24	24	23	23	23	23	23	23	23	23	24	29	38	34	31	26
21	33	34	32	34	35	35	39	32	26	24	23	23	22	22	22	22	22	22	22	22	26	29	28	27	27
22	28	40	44	31	31	32	42	33	28	26	25	27	26	25	24	23	23	23	25	24	24	23	22	28	28
23	23	23	24	23	25	26	25	26	23	22	21	20	20	19	19	19	19	20	20	20	20	21	21	22	22
24	21	21	30	27	24	24	24	25	25	24	23	25	23	***	20	27	23	23	19	27	24	22	24	27	24
25	32	36	41	33	35	30	27	25	23	20	20	20	20	19	19	19	19	19	19	20	25	32	34	37	26
26	42	43	32	31	40	36	33	27	26	23	21	20	19	19	19	19	19	19	19	20	20	21	22	23	26
27	22	23	26	27	27	35	30	26	25	25	22	19	19	19	19	19	19	19	19	19	21	25	31	29	24
28	26	27	29	37	31	31	29	25	24	24	23	25	23	22	21	20	19	19	22	22	33	35	27	23	26
29	31	34	34	23	27	24	26	23	22	21	20	20	19	19	19	19	19	19	19	21	22	24	30	43	24
30	37	30	26	24	24	26	29	24	21	20	19	19	19	19	19	18	19	19	19	19	25	25	28	38	24
MEAN	28	28	28	27	28	28	29	27	25	24	23	22	23	22	21	21	21	21	21	22	24	25	26	26	24



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH - JUL 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	41	37	29	30	27	33	32	29	26	24	22	20	20	19	19	19	19	19	20	20	21	22	29	30	25	
2	31	25	25	33	28	31	29	25	25	22	20	19	19	18	18	18	18	18	18	18	18	18	18	19	22	
3	25	25	34	42	23	22	23	24	23	21	20	20	19	20	18	18	18	18	19	21	23	24	22	21	23	
4	46	42	40	27	25	24	27	27	24	22	20	19	19	19	19	19	19	21	22	24	23	23	22	22	25	
5	22	22	22	22	22	23	23	23	23	21	21	21	21	20	19	19	23	20	20	20	22	20	21	22	21	
6	31	33	24	31	34	28	26	29	27	23	21	19	19	19	19	19	19	19	18	19	19	20	25	37	24	
7	28	33	27	27	27	28	33	25	22	24	24	21	20	18	18	18	19	20	22	23	29	24	27	23	24	
8	24	25	26	27	27	26	26	26	23	21	19	***	18	11	18	37	***	***	***	***	***	***	***	***	***	
9	***	***	***	***	***	***	***	***	***	***	***	***	31	25	19	16	13	11	10	10	10	10	10	11	***	
10	12	12	15	15	18	21	19	16	15	15	14	14	14	15	15	15	15	16	17	17	27	25	22	24	17	
11	21	21	20	21	22	22	21	21	22	22	21	21	21	21	20	20	20	20	20	21	25	26	25	27	22	
12	27	26	25	33	27	27	32	36	30	26	24	22	22	21	21	21	21	21	21	21	22	23	29	42	26	
13	39	35	37	49	35	31	32	26	26	25	24	23	24	23	22	22	22	22	22	22	22	22	22	22	27	
14	22	23	25	25	25	26	26	25	25	24	23	22	22	22	***	19	19	19	19	19	19	20	21	22	22	
15	23	23	23	23	25	25	25	35	26	24	22	21	21	21	21	21	21	21	24	25	25	24	25	26	24	
16	25	28	32	30	49	31	34	30	26	24	24	24	23	22	22	22	22	22	23	24	25	25	25	24	27	
17	24	25	26	37	42	41	33	27	26	24	25	24	23	21	21	22	22	22	22	21	21	21	21	25	26	
18	24	34	41	25	24	32	32	26	24	22	23	23	22	22	20	20	18	18	18	18	19	21	21	21	24	
19	21	20	21	26	25	24	24	24	25	25	23	21	20	19	19	18	18	19	19	19	19	19	19	20	21	
20	19	19	20	20	20	23	22	23	26	23	21	20	19	18	18	18	19	19	22	24	24	22	22	21	21	
21	20	20	21	22	22	23	27	23	21	20	19	18	18	18	19	19	19	19	18	19	19	19	21	21	20	
22	22	23	23	30	24	25	25	24	22	20	32	26	***	22	19	19	22	19	18	19	19	20	20	21	22	
23	22	24	30	26	39	29	47	24	22	20	19	18	17	16	16	16	16	16	16	19	19	22	23	23	22	
24	22	23	25	27	27	25	25	24	23	24	21	18	17	15	15	16	16	15	15	15	15	16	16	16	20	
25	16	16	16	17	17	22	21	21	19	18	17	17	17	***	***	***	***	***	***	***	***	***	***	***	***	
26	21	22	22	23	23	24	25	25	23	22	21	20	19	19	18	18	18	18	19	20	23	25	22	22	21	
27	23	23	24	23	23	25	35	29	27	25	24	23	19	18	17	17	17	17	18	19	19	19	20	21	22	
28	21	21	22	31	36	36	22	23	22	21	19	18	17	17	17	16	16	16	16	16	17	19	23	24	21	
29	24	25	24	24	24	26	28	27	28	24	23	22	21	19	***	17	17	17	17	18	19	19	20	20	22	
30	22	22	27	37	36	30	29	25	23	21	20	20	19	18	17	19	19	16	16	16	16	16	16	16	22	
31	17	19	18	19	31	25	19	20	19	18	18	17	17	17	18	20	21	22	22	23	36	26	22	22	21	
MEAN	25	25	25	27	28	27	27	25	24	22	21	20	20	19	19	19	19	19	19	20	21	21	22	23	22	4

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH - AUG 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	26	21	25	21	26	32	23	25	23	***	***	25	25	25	26	25	26	27	30	33	37	38	29	26	27	
2	27	23	24	24	27	27	38	34	25	22	24	24	24	24	24	25	24	25	25	24	24	23	30	24	26	
3	25	23	18	18	18	19	19	21	24	22	22	20	21	21	20	20	20	20	20	20	21	23	24	24	21	
4	29	28	28	23	22	22	24	23	22	20	19	19	19	19	19	19	19	19	19	19	20	20	21	22	21	
5	24	24	22	20	20	20	23	24	22	20	19	19	19	19	***	20	19	18	19	20	21	23	23	20	21	
6	19	19	21	20	21	22	22	23	22	21	20	20	20	19	19	20	21	20	20	20	21	23	23	25	21	
7	39	41	35	24	27	25	28	28	24	22	19	19	19	19	19	19	19	19	19	19	21	26	27	26	24	
8	29	31	27	25	28	26	28	32	32	21	20	20	21	20	19	19	19	20	20	19	19	19	19	20	23	
9	20	23	23	24	26	26	28	24	22	21	20	20	19	19	19	19	19	18	18	18	18	19	19	19	21	
10	21	20	20	20	22	22	21	22	21	20	20	19	19	19	19	19	19	20	19	19	19	19	19	19	20	
11	20	19	19	24	19	20	21	22	22	22	19	19	19	17	17	17	17	17	17	20	20	25	29	21	20	
12	21	26	21	26	22	22	25	25	24	21	19	18	18	18	18	18	18	18	21	21	21	24	24	23	21	
13	28	49	34	48	34	27	24	25	25	24	21	20	23	17	16	16	16	16	16	17	19	18	17	16	24	
14	16	17	17	17	17	18	18	18	18	17	17	16	16	15	15	15	16	15	16	16	19	17	17	21	17	
15	32	29	33	27	24	20	22	24	32	28	26	29	***	***	***	***	***	***	***	***	***	***	***	***	***	
16	- DATA INVALID -												- DATA INVALID -												22	
17	- DATA INVALID -												- DATA INVALID -													
18	- DATA INVALID -												- DATA INVALID -													
19	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	16	17	16	18	18	22	24	24	19	***	
20	19	19	27	32	22	23	26	30	21	20	19	17	18	17	17	17	17	19	19	30	25	29	24	27	22	
21	22	23	24	22	27	31	41	41	36	31	29	32	30	24	22	19	19	18	17	17	17	17	17	19	25	
22	19	19	20	19	18	19	19	21	21	21	20	20	18	18	17	14	14	15	15	18	24	23	22	23	19	
23	20	20	20	24	24	21	26	27	22	17	15	15	15	15	15	15	15	16	16	17	18	17	16	17	18	
24	17	17	32	19	17	23	21	18	14	14	13	13	13	12	13	14	17	17	15	19	23	24	24	23	17	
25	23	24	26	22	18	15	23	26	20	19	19	17	15	13	13	13	13	13	13	13	14	14	13	13	17	
26	14	14	14	14	14	14	17	20	18	15	16	12	14	15	19	17	16	16	16	18	20	19	17	18	16	
27	19	19	19	19	19	19	20	19	16	16	17	17	17	17	17	17	17	17	17	17	20	21	23	25	19	
28	27	25	30	42	36	28	25	30	29	23	20	19	21	19	17	17	17	17	20	22	21	20	21	24	19	
29	20	20	19	19	20	21	22	21	19	19	19	18	18	18	19	20	22	23	21	22	20	22	19	18	20	
30	18	19	18	18	18	18	18	18	18	18	18	18	18	18	18	18	19	18	18	17	18	19	19	19	18	
31	18	18	18	18	18	18	18	18	18	17	16	16	16	16	16	16	16	16	17	17	17	17	16	17	17	
MEAN	23	23	23	23	22	22	24	24	23	20	19	19	19	18	18	18	18	18	19	20	21	22	21	21	20.8	



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION													
STATION -		NO 35003 ELMCREST ROAD, ETOBICOKE										MONTH - SEP 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	17	17	18	18	18	18	18	18	18	18	18	18	18	18	18	18	19	20	22	24	21	22	22	19
2	23	23	21	26	28	25	22	23	18	16	16	15	18	16	17	18	17	17	16	18	17	18	18	19	19
3	20	21	22	19	18	21	26	22	21	18	17	17	18	19	***	19	19	16	16	17	18	18	18	21	21
4	21	22	21	28	21	24	22	19	18	18	22	20	22	27	21	18	16	16	17	17	19	21	20	22	19
5	22	21	21	20	20	25	28	35	29	22	***	21	18	16	17	22	23	34	25	23	24	20	19	19	23
6	22	38	49	35	19	18	18	16	16	16	15	15	14	14	14	14	14	14	15	16	16	17	21	24	20
7	25	26	22	25	37	36	22	19	17	16	16	16	15	16	16	16	15	16	16	17	17	21	21	20	20
8	18	18	18	17	17	18	20	21	17	16	15	15	15	15	14	14	14	15	16	16	16	17	17	16	16
9	18	18	20	20	20	21	24	20	17	17	16	16	16	***	15	14	14	14	16	21	22	21	28	24	19
10	23	21	23	29	24	25	33	39	24	21	23	21	19	18	16	16	15	16	16	18	20	21	20	20	22
11	23	31	30	30	30	34	40	46	33	26	19	16	16	15	15	16	15	15	14	15	16	16	15	14	23
12	16	16	16	17	17	15	15	18	21	17	15	16	15	16	15	15	17	18	16	17	18	18	18	19	17
13	19	19	19	19	20	23	21	18	18	17	19	18	17	17	17	17	17	17	18	19	19	19	20	21	19
14	20	21	21	21	22	22	22	21	19	19	18	17	18	17	17	16	17	21	23	24	21	24	24	23	20
15	28	46	44	32	32	39	45	32	26	22	19	18	18	17	17	17	17	19	19	21	22	24	24	24	26
16	20	19	19	20	20	21	22	28	27	29	29	26	***	***	***	***	***	***	***	***	***	***	***	***	***
17	28	24	23	25	28	24	30	35	27	20	18	20	18	18	18	18	18	18	20	21	22	20	19	18	22
18	18	19	19	18	18	18	19	19	20	19	20	20	21	18	18	18	18	17	17	17	17	17	17	18	18
19	17	17	17	17	17	18	17	18	18	17	17	17	***	17	18	19	19	22	27	39	27	25	24	20	20
20	23	23	25	26	25	25	17	25	24	17	17	17	17	16	16	16	16	16	17	18	17	18	18	18	20
21	19	19	19	19	20	19	20	20	19	19	18	17	17	17	17	17	17	17	18	18	19	19	20	18	18
22	21	20	20	20	21	21	22	22	22	21	20	22	21	22	21	20	20	21	22	22	22	23	22	21	21
23	22	22	22	22	23	23	25	24	25	21	19	19	18	***	18	17	18	17	18	19	22	23	22	21	21
24	25	26	27	32	21	18	20	20	19	18	17	18	17	16	16	16	16	18	19	19	22	23	22	21	21
25	19	19	18	18	18	19	20	20	21	20	21	20	20	20	20	19	19	19	19	19	18	18	18	19	19
26	18	18	18	18	19	21	22	24	22	24	23	24	24	19	18	26	17	17	18	19	18	21	26	36	21
27	19	18	18	17	18	18	22	26	19	18	18	18	17	17	17	18	18	20	27	22	23	22	22	20	20
28	23	22	21	21	22	22	23	20	19	18	17	17	17	17	17	18	19	21	28	35	37	36	30	24	23
29	23	24	24	28	28	29	32	46	43	37	29	27	25	22	19	19	19	23	26	27	26	31	36	34	28
30	30	38	28	24	22	22	23	24	22	20	19	18	18	18	17	17	18	18	18	19	19	20	21	21	21
MEAN	21	23	23	23	22	23	24	25	22	20	19	19	18	18	17	18	17	18	19	20	21	21	21	22	20

NOTES 1 \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2 - INDICATES DATA IS UNAVAILABLE  
3 \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS											UNITS - 0.1 PARTS/MILLION																						
	STATION -			NO 35003								ELMCREST ROAD, ETOBICOKE								MONTH - OCT 75														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN									
1	23	25	27	25	24	23	26	24	21	21	20	19	19	19	19	20	20	20	20	20	21	20	20	19	21									
2	20	25	22	21	22	21	23	23	23	23	22	21	22	21	22	21	21	22	22	25	22	23	24	23	22									
3	23	23	23	22	23	24	24	23	23	21	20	19	18	***	***	***	***	***	***	***	***	***	***	***	***									
4	DATA INVALID -																																	
5	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	17	17	19	20	21	21	21	23	29	20									
6	18	16	14	14	17	24	31	23	22	22	19	17	14	11	12	15	20	15	10	9	8	7	6	4	15									
7	2	1	1	2	5	5	11	8	19	20	22	8	***	***	18	17	17	18	24	27	25	26	27	28	15									
8	28	27	24	21	20	21	22	21	21	20	18	18	***	***	***	***	***	***	***	***	***	***	***	***	***									
9	19	19	18	18	19	19	19	19	19	20	20	20	20	21	21	22	21	21	21	21	21	22	24	23	20									
10	24	23	23	22	22	21	22	21	21	19	18	***	***	***	***	19	18	18	21	27	24	22	23	28	22									
11	25	25	30	26	23	22	21	22	20	19	19	19	18	18	18	18	18	19	19	19	19	19	19	20	21									
12	20	20	22	21	21	21	21	24	24	22	22	21	21	21	21	21	26	26	25	24	25	26	25	24	23									
13	27	24	27	34	28	27	29	24	23	23	23	23	22	21	20	20	20	20	21	21	22	24	23	22	24									
14	24	25	29	25	26	29	32	27	25	23	22	24	21	21	21	22	23	24	22	24	40	43	28	27	26									
15	30	33	34	28	22	22	23	21	21	21	20	19	***	19	19	19	18	18	20	21	21	19	18	18	22									
16	18	18	19	19	20	20	20	20	20	18	18	18	18	18	18	19	19	18	19	20	21	20	20	20	19									
17	20	19	22	27	51	32	26	26	23	22	21	20	***	17	17	17	17	18	19	18	17	17	17	17	22									
18	17	17	17	16	16	16	16	16	17	17	17	17	17	16	16	16	16	16	16	16	17	16	16	16	16									
19	16	16	16	16	16	16	16	16	17	17	16	16	16	17	17	17	18	18	17	17	17	17	16	26	17									
20	28	21	23	15	15	16	16	16	16	16	16	16	16	15	14	14	14	14	15	15	15	16	17	17	16									
21	14	14	14	14	15	15	17	18	16	17	16	14	***	16	16	17	18	17	18	18	18	22	22	21	17									
22	22	20	21	20	19	22	41	27	23	22	18	18	17	18	18	19	22	24	28	25	24	21	20	20	22									
23	23	28	28	27	28	31	42	49	39	25	25	24	24	24	25	26	26	27	25	26	26	26	27	30	28									
24	39	33	32	34	35	36	42	51	47	28	26	22	23	***	22	22	22	29	33	36	28	27	25	24	31									
25	25	24	23	22	21	22	22	19	19	18	17	17	17	17	17	18	18	19	21	24	25	23	24	30	22									
26	22	23	24	22	21	21	22	22	22	20	20	22	21	22	18	18	19	21	24	25	27	23	24	30	32									
27	77	32	30	29	30	31	37	56	40	29	23	23	22	21	21	21	24	25	27	30	30	37	32	28	32									
28	26	25	32	35	37	40	42	36	25	26	28	22	23	23	19	18	18	18	19	20	21	21	21	20	26									
29	19	18	19	19	18	***	***	***	***	***	***	***	***	***	***	20	20	19	19	18	20	17	21	21	26									
30	23	22	22	23	24	23	22	22	23	18	18	17	18	18	17	17	24	25	28	28	39	37	39	48	25									
31	39	35	36	37	27	28	33	46	39	21	16	***	***	25	***	24	24	26	26	30	32	29	29	28	30									
MEAN	25	22	23	23	23	23	26	26	24	21	20	19	19	19	19	19	20	21	22	22	23	23	23	22	22									

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH - NOV 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	31	26	26	25	25	25	25	25	24	23	22	22	22	22	22	22	23	23	23	23	24	24	24	26	24
2	24	25	26	25	25	26	28	28	25	25	27	30	30	31	30	30	32	30	22	22	22	22	22	22	26
3	23	23	23	23	23	23	23	26	29	27	22	22	24	22	22	23	23	23	23	23	22	22	22	22	23
4	22	22	23	22	22	22	23	26	24	27	21	21	20	***	***	***	***	***	***	***	***	***	***	***	***
5	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
6	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
7	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
8	4	4	4	4	4	5	4	4	4	4	3	3	3	3	4	3	4	4	5	6	6	6	8	12	5
9	15	11	10	6	14	15	11	7	5	5	5	5	7	6	6	4	7	7	8	6	5	6	6	6	8
10	7	6	6	6	6	5	5	4	5	4	3	3	3	3	4	4	4	4	4	5	5	5	5	4	5
11	6	6	6	6	7	7	6	5	5	4	4	3	4	6	7	8	12	17	19	22	20	20	14	14	10
12	9	8	9	10	12	9	8	8	8	8	***	9	11	14	19	13	13	10	5	4	4	3	3	3	9
13	4	3	3	3	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
14	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
15	6	6	6	6	6	6	6	6	6	6	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
16	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
17	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
18	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
19	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
20	27	24	25	26	25	25	28	27	26	20	16	12	12	8	8	11	17	17	18	20	22	24	26	27	15
21	2	3	4	2	2	2	3	3	3	3	3	3	***	***	***	***	***	***	***	***	***	***	***	***	***
22	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
23	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
24	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
25	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
26	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
27	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
28	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
29	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
30	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
MEAN	14	13	13	13	14	14	14	14	14	13	13	12	14	13	14	13	13	13	12	12	12	12	12	13	13 0

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
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3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH - DEC 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
3	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
4	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
5	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
6	11	11	11	10	10	9	10	10	10	10	10	10	10	10	10	10	11	11	11	11	11	11	11	11	10
7	10	10	10	10	10	11	11	11	11	11	11	10	11	10	10	10	10	11	11	11	11	11	11	11	11
8	11	11	10	10	10	10	10	10	10	11	11	10	10	10	10	9	10	10	10	10	10	10	10	10	10
9	10	9	9	9	9	9	9	9	9	9	9	8	9	8	***	***	11	11	11	11	11	11	12	12	10
10	11	27	15	12	11	11	11	10	8	9	10	11	11	9	***	8	8	9	9	9	10	10	10	10	11
11	10	9	9	8	7	7	7	7	7	6	7	6	5	6	7	10	9	17	13	10	13	15	16	9	9
12	18	16	14	17	15	9	9	8	9	9	***	***	20	19	19	***	20	21	21	22	22	22	21	17	17
13	20	20	19	19	18	18	19	19	19	19	20	20	20	20	21	21	21	22	23	25	27	26	24	21	21
14	25	24	21	20	20	19	19	19	19	19	19	19	18	17	16	16	16	16	16	16	17	16	15	18	18
15	15	15	14	14	14	15	15	18	18	18	18	18	18	18	18	18	18	19	19	21	19	20	21	21	17
16	22	21	21	21	22	22	25	22	20	19	19	19	19	19	***	20	20	20	20	21	21	21	20	21	21
17	23	20	19	19	20	19	20	21	20	19	19	19	19	19	19	20	20	20	20	20	19	19	19	19	20
18	19	19	19	19	20	19	19	20	20	23	23	23	23	23	20	19	19	21	20	20	19	20	20	20	20
19	19	19	20	20	22	23	26	26	26	26	24	24	24	24	***	26	27	27	26	27	26	27	22	24	24
20	22	23	22	20	20	19	19	19	19	19	20	20	20	20	19	19	20	19	19	19	19	20	25	20	20
21	28	33	29	22	22	22	27	31	31	30	28	27	27	27	31	32	34	49	43	45	35	46	27	23	31
22	22	22	25	23	24	28	34	31	38	42	29	24	22	20	21	20	20	21	21	20	21	21	20	22	25
23	22	20	24	25	26	18	20	22	24	22	22	22	22	20	19	21	21	23	24	25	39	28	30	31	24
24	29	25	28	27	24	24	33	46	57	38	50	44	39	31	41	42	41	44	37	21	20	19	19	19	33
25	19	19	19	19	22	22	23	23	23	23	23	23	24	24	23	24	24	81	28	27	26	27	29	27	26
26	23	22	21	20	20	20	20	20	20	19	19	19	19	22	20	21	21	25	25	23	23	20	22	27	21
27	21	24	22	26	21	19	18	19	23	22	24	26	24	28	20	33	32	30	23	23	22	22	22	20	24
28	21	23	31	25	29	23	28	32	28	27	32	27	29	20	19	20	21	21	21	22	21	21	21	21	24
29	22	23	24	28	26	42	39	38	45	48	47	35	30	24	***	23	24	30	41	98	41	45	33	29	36
30	30	26	24	23	23	22	22	23	25	24	22	23	22	22	21	19	18	18	18	19	20	20	20	19	22
31	19	18	18	18	18	18	18	19	19	20	23	31	27	23	19	19	21	22	21	23	22	21	20	21	21
MEAN	19	20	19	19	19	18	19	21	22	21	22	21	20	19	19	20	20	23	21	23	20	21	20	20	20 1

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
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3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	25	23.7	31	60
FEB	24	26.8	35	62
MAR	31	24.2	33	64
APR	28	20.9	28	67
MAY	28	27.8	44	76
JUN	30	24.5	28	46
JUL	28	22.4	27	49
AUG	26	20.8	27	49
SEP	29	20.6	28	49
OCT	26	22.0	32	77
NOV	9	13.0	26	32
DEC	26	20.1	36	98
YEAR	310	22.7	44	98

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141 - 200	201 & OVER	TOTAL
JAN	0	138	441	61	0	0	0	0	640
FEB	0	63	372	139	2	0	0	0	576
MAR	0	80	583	64	2	0	0	0	729
APR	0	311	341	37	1	0	0	0	690
MAY	0	41	484	145	11	0	0	0	681
JUN	0	69	551	89	0	0	0	0	709
JUL	5	216	432	56	0	0	0	0	709
AUG	0	316	297	29	0	0	0	0	642
SEP	0	386	281	36	0	0	0	0	703
OCT	14	228	368	50	1	0	0	0	661
NOV	152	25	100	3	0	0	0	0	280
DEC	98	183	293	48	1	1	0	0	624
YEAR	269	2056	4543	757	18	1	0	0	7644

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
87.3	1	15.7	19.0	21.3	24.0	30.1	34.6	41.7	47.0	98	22.7



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - NO 35033 EVANS/ARNOLD ETOBICOKE OAMST

MONTH - JAN 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	21	25	22	23	22	20	20	18	18	18	18	17	17	16	15	15	15	15	14	14	15	14	15	18
2	14	14	14	15	15	16	21	24	18	18	17	16	16	16	16	26	30	33	22	20	17	21	15	15	19
3	15	15	15	16	15	15	15	15	15	16	18	17	15	15	17	18	19	17	17	17	17	17	17	17	16
4	17	16	16	16	17	17	17	17	17	17	17	17	17	18	17	18	19	18	18	18	18	17	18	19	17
5	19	24	22	21	24	20	21	21	19	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	17
6	18	16	16	16	17	17	19	21	19	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	17
7	18	16	16	16	17	17	19	21	19	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	17
8	19	20	17	16	17	17	18	19	19	19	19	20	28	33	19	20	19	18	18	17	18	22	22	20	20
9	17	16	16	16	17	19	20	21	20	20	19	18	18	18	20	21	20	19	18	18	18	18	18	18	18
10	16	16	16	16	16	16	18	19	19	18	18	19	19	18	18	19	18	18	18	18	20	18	17	17	18
11	16	16	15	15	15	15	15	16	16	15	18	15	15	15	15	15	15	16	16	15	15	15	15	15	15
12	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
13	16	16	17	16	16	16	18	16	16	16	16	16	16	16	16	17	17	17	18	18	17	17	17	17	16
14	16	16	15	15	15	15	17	17	18	17	17	16	17	17	17	18	18	17	16	17	17	16	16	16	17
15	16	16	15	16	16	16	18	18	17	17	16	16	17	17	18	18	22	21	17	17	17	16	16	16	17
16	17	16	17	15	15	16	18	18	17	17	17	16	16	17	17	18	18	17	17	16	17	17	18	18	17
17	16	16	17	17	18	18	22	20	18	17	17	17	17	17	18	22	21	19	18	17	19	20	17	15	18
18	16	16	16	16	15	15	15	15	14	15	15	16	18	18	17	17	17	17	17	17	17	17	17	17	16
19	16	16	15	15	15	15	15	15	16	16	16	15	16	15	15	15	15	15	15	15	15	15	15	15	15
20	14	14	14	15	16	17	18	21	23	22	20	20	18	18	15	19	20	18	16	16	15	16	17	16	17
21	15	16	17	17	18	16	16	17	17	17	19	19	20	20	19	18	18	23	17	16	17	16	16	16	18
22	17	16	15	15	15	16	17	17	17	16	17	18	17	17	17	19	21	21	21	21	21	21	21	21	18
23	18	21	25	30	24	23	32	33	23	19	18	17	17	17	17	17	21	24	18	17	17	17	17	16	21
24	16	16	16	16	17	19	23	25	21	20	18	19	19	22	19	19	19	22	20	19	20	18	20	19	19
25	17	17	18	18	20	19	20	18	18	19	18	18	17	18	18	18	18	18	18	18	18	18	18	18	18
26	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
27	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
28	18	18	18	18	20	19	23	27	27	27	23	19	16	19	18	18	20	19	16	17	16	18	16	15	19
29	15	15	15	15	14	15	16	16	17	22	20	21	23	22	17	16	17	18	17	15	14	14	14	14	15
30	14	14	14	14	14	14	17	19	20	19	18	17	17	17	17	18	18	18	19	19	20	22	18	23	18
31	18	23	22	22	21	25	28	27	24	21	19	18	16	16	17	16	19	18	18	17	17	18	17	17	20
MEAN	16	17	17	17	17	17	19	19	18	18	18	17	17	18	17	18	19	19	18	17	17	18	17	17	17.6

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POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - NO 35033 EVANS/ARNOLD ETOBICOKE OAMST

MONTH - FEB 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	16	16	15	15	15	15	15	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
2	17	16	17	16	16	15	16	22	21	21	16	16	16	15	15	14	15	16	16	18	19	19	18	19	18
3	17	16	17	16	16	15	16	22	21	21	16	16	16	15	15	14	15	16	16	18	19	19	18	19	18
4	16	16	16	16	17	17	16	16	16	16	16	16	16	15	15	14	15	16	16	15	16	16	15	17	16
5	16	18	19	18	20	23	25	31	31	29	25	19	19	20	21	16	16	16	16	16	16	16	16	16	16
6	16	16	15	17	18	19	21	23	22	20	18	19	18	19	17	18	20	19	20	25	19	16	15	15	19
7	15	15	15	15	15	15	16	19	17	16	16	16	16	16	16	16	16	16	16	20	19	17	18	15	16
8	15	15	15	15	15	14	15	15	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
9	15	16	15	14	14	14	14	15	16	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
10	15	15	15	15	15	16	17	18	18	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
11	17	16	17	16	16	17	19	24	24	22	20	18	17	16	16	16	16	16	16	16	16	16	16	16	16
12	15	15	14	14	14	15	18	20	17	16	16	15	15	16	16	16	16	16	16	16	16	16	16	16	16
13	15	15	15	15	15	16	18	18	17	17	18	17	17	17	18	19	19	18	19	17	17	16	15	15	17
14	16	15	15	15	15	16	19	19	18	15	15	15	15	14	15	15	15	15	15	14	15	14	15	16	16
15	16	15	15	15	15	15	19	19	18	15	15	15	15	14	15	15	15	15	15	14	15	14	15	16	16
16	19	18	18	18	16	15	15	15	15	15	16	16	16	15	15	15	16	16	16	16	16	16	16	16	16
17	20	18	18	18	19	18	15	16	16	17	15	15	15	16	17	17	17	16	16	16	16	16	16	16	16
18	18	18	20	19	18	18	20	21	21	21	21	19	19	19	19	19	22	23	29	25	20	21	23	22	21
19	21	18	17	17	16	17	18	18	17	17	16	16	16	16	16	16	17	18	16	16	17	16	17	16	15
20	15	14	14	14	14	15	17	17	16	17	16	16	16	16	15	15	16	21	20	17	16	16	16	16	16
21	15	15	16	16	16	17	20	24	22	20	19	19	18	18	18	19	19	19	20	24	30	27	34	36	21
22	31	25	27	22	18	20	21	19	20	24	22	18	18	19	21	17	17	19	19	20	18	19	20	22	21
23	19	19	18	17	18	18	18	19	18	17	16	16	17	17	19	19	18	17	16	16	15	16	15	15	17
24	15	14	14	14	14	14	16	17	17	17	17	17	17	19	18	18	18	23	19	17	20	15	16	15	14
25	16	15	14	15	13	13	13	15	17	16	15	15	16	15	17	15	16	15	17	15	14	14	14	13	15
26	13	13	14	14	14	13	14	15	15	15	15	14	15	15	15	15	15	15	14	14	14	14	14	15	14
27	14	14	14	13	13	14	15	16	15	15	15	15	15	15	15	14	15	16	14	15	14	14	14	15	15
28	15	14	15	15	15	16	14	15	15	14	15	15	15	15	15	16	19	21	18	15	15	15	14	15	15
MEAN	17	16	16	16	16	16	17	19	18	18	17	16	16	16	17	17	18	18	17	17	17	17	17	17	16.9



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION												
STATION - NO 35033 EVANS/ARNOLD ETOBICOKE OAMST													MONTH - MAR 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	14	14	14	14	13	13	14	16	15	14	13	14	14	14	14	14	14	15	15	15	14	14	14	14
2	14	15	15	14	14	14	14	14	14	14	14	14	14	14	14	14	13	13	13	13	14	13	14	14	13
3	13	13	14	13	14	14	15	17	17	15	14	14	14	14	15	15	16	15	14	15	14	14	14	14	15
4	16	15	14	16	16	15	17	19	***	15	13	13	13	13	14	14	15	15	15	14	13	14	14	15	15
5	15	14	16	14	15	16	17	19	17	16	15	15	15	14	14	15	15	15	15	15	14	14	14	15	15
6	16	15	15	14	14	14	15	18	19	17	17	17	17	16	16	16	17	16	17	19	20	19	16	16	17
7	16	15	15	15	15	14	15	16	15	15	15	15	15	17	20	17	18	17	14	14	14	13	13	13	15
8	13	13	13	12	13	12	12	12	13	13	13	13	13	13	13	13	13	13	13	13	14	14	14	15	13
9	20	25	19	21	24	18	15	27	21	15	14	14	13	13	13	13	13	13	13	14	15	16	15	16	17
10	16	16	19	18	18	18	18	22	27	25	16	15	14	13	14	13	15	14	15	17	17	18	17	18	17
11	17	18	18	16	17	18	19	24	25	26	20	15	14	15	15	15	15	14	21	20	22	17	14	18	18
12	15	13	13	13	13	13	14	15	16	23	23	28	20	18	20	***	23	23	19	19	18	16	16	16	18
13	15	15	14	14	14	14	14	15	15	15	14	14	15	15	15	15	16	15	16	15	16	15	15	15	15
14	15	15	15	15	15	15	15	15	15	15	15	15	16	16	16	16	18	20	17	16	16	15	15	15	16
15	15	15	15	15	16	16	19	18	17	16	16	16	15	15	15	15	15	15	15	15	15	15	15	15	16
16	16	15	16	16	17	17	15	15	15	15	15	15	16	16	16	16	16	16	18	23	28	29	34	33	19
17	26	21	21	20	18	16	16	18	15	15	14	14	15	15	16	16	15	16	18	23	28	29	34	33	19
18	15	16	17	22	40	37	26	22	17	16	15	15	***	16	16	16	19	22	20	23	27	18	17	18	21
19	18	15	16	16	14	16	16	17	16	16	18	18	18	20	18	20	21	17	15	15	14	14	14	13	16
20	13	13	13	13	13	14	14	15	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
21	14	14	14	14	13	14	15	16	16	18	16	14	16	15	16	15	14	14	13	13	13	13	13	12	14
22	12	12	12	12	12	12	12	12	12	13	14	14	15	15	18	17	13	13	13	13	13	13	13	13	13
23	13	13	14	13	13	13	13	13	13	13	13	13	12	12	12	12	13	13	14	15	16	15	16	16	13
24	15	14	14	13	12	12	12	13	13	13	13	***	13	14	14	14	15	17	15	16	16	14	14	14	15
25	21	18	16	15	15	15	15	21	19	14	14	14	14	14	16	14	14	14	14	15	14	14	14	14	15
26	12	12	12	12	12	13	13	13	14	13	13	13	13	13	13	13	13	14	14	14	14	14	14	14	13
27	16	16	15	14	14	13	14	15	16	16	15	***	13	13	13	13	14	14	14	14	14	13	14	14	14
28	13	13	12	12	12	12	12	12	12	13	11	11	12	12	12	12	12	12	12	12	12	12	12	11	12
29	11	11	11	11	11	11	11	11	11	12	14	13	13	12	12	12	12	12	12	13	13	11	12	11	12
30	12	12	11	12	11	11	11	10	10	10	11	11	11	11	11	11	11	11	12	11	11	11	11	11	11
31	11	12	12	11	11	12	12	13	13	13	13	13	13	13	13	13	13	14	13	13	14	14	14	14	13
MEAN	15	15	15	15	15	15	15	16	16	16	15	15	14	14	15	14	15	15	15	15	15	15	15	15	15.0

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION													
STATION -		NO 35033				EVANS/ARNOLD				ETOBICOKE				OAMST				MONTH - APR 75								
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		15	14	14	14	14	14	14	15	18	17	15	14	13	14	15	15	15	14	14	15	15	15	15	16	15
2		15	14	15	14	14	14	15	15	14	14	15	15	15	15	15	17	15	15	15	14	14	14	14	13	15
3		12	12	12	12	12	13	14	16	14	12	13	13	***	14	14	14	15	14	14	14	14	14	14	14	15
4		14	14	14	14	14	14	14	15	14	14	15	15	15	15	15	15	15	14	14	14	14	14	14	14	13
5		14	14	14	14	14	14	15	14	14	15	15	15	15	15	15	15	15	15	15	14	14	14	14	14	14
6		15	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	15
7		14	14	13	13	14	14	13	14	***	14	13	14	14	13	13	14	14	14	14	14	14	14	14	14	14
8		14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	15	15	14	14	14	15	15	15	14	14
9		14	14	14	14	14	14	16	16	15	15	15	15	15	***	***	***	***	***	***	***	***	***	***	***	***
10		- DATA INVALID -																								
11		***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	14	14	14	14	14	14	14	14	14	***
12		14	14	14	14	14	14	14	14	14	14	14	13	13	13	13	14	14	14	14	14	14	14	15	16	14
13		15	15	14	15	14	13	13	13	13	13	13	13	13	13	13	13	13	13	14	14	18	19	17	16	14
14		16	15	14	14	15	15	16	14	***	17	16	17	17	19	17	16	19	18	18	23	26	29	30	33	19
15		29	27	28	29	28	24	24	24	22	20	19	22	21	21	19	18	18	21	17	18	17	18	19	21	22
16		19	18	18	19	20	22	20	21	20	18	18	17	17	17	17	17	17	17	18	19	23	29	33	39	21
17		34	25	19	21	25	28	24	21	20	17	19	20	18	17	17	21	19	17	17	17	16	15	15	15	20
18		15	15	14	14	14	14	15	17	18	17	18	18	16	18	19	22	22	16	15	15	16	18	21	17	17
19		15	14	15	14	14	13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
20		- DATA INVALID -																								
21		***	***	***	***	***	***	***	***	***	14	14	14	14	15	15	15	16	15	16	18	20	17	20	25	****
22		25	29	23	27	24	26	18	18	21	17	17	16	17	16	17	17	17	17	18	22	24	27	36	21	21
23		38	33	24	19	23	29	24	20	19	17	18	18	19	17	17	17	16	16	23	27	21	16	16	18	21
24		17	16	16	15	14	15	17	17	16	16	15	15	15	15	15	16	16	15	15	15	15	15	14	15	15
25		14	13	13	13	13	14	15	16	17	17	16	16	15	15	15	16	16	15	15	15	15	15	15	14	15
26		16	16	14	14	15	14	14	14	16	14	15	15	14	14	15	16	16	15	18	21	17	15	18	17	16
27		17	18	18	17	18	18	16	15	14	14	14	15	15	15	15	16	16	14	15	15	15	15	15	16	15
28		16	15	15	15	16	17	21	20	***	16	19	19	19	18	19	19	19	16	16	16	15	15	15	15	16
29		21	22	22	22	21	24	24	26	22	21	20	19	19	18	19	18	22	20	22	23	23	27	21	20	19
30		17	18	20	22	22	19	20	20	19	18	19	19	19	18	18	18	17	17	17	17	16	16	16	16	18
MEAN		18	17	16	16	17	17	17	17	17	16	16	16	16	16	16	16	16	16	16	16	17	17	18	18	15



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - NO 35033

EVANS/ARNOLD ETOBICOKE OAMST

MONTH - MAY 75

STATION		NO. 55555																								EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE		EVANSVILLE</	
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- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - NO 35033

EVANS/ARNOLD ETOBICOKE OAMST

MONTH - JUN 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
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14																									
15																									
16	21	15	17	22	20	26	31	32	46	44	31	29	32	31	26	29	27	20	14	40	91	77	59	58	35
17	53	43	37	33	22	16	17	16	16	16	16	16	16	16	16	18	15	14	13	14	15	19	18	26	23
18	21	22	16	14	18	18	19	29	21	25	16	16	16	16	16	16	16	17	18	19	21	20	20	20	19
19	20	18	21	21	24	22	24	24	21	22	20	****	****	18	19	18	16	16	17	17	18	22	26	27	21
20																									
21	33	37	41	40	41	38	34	23	17	17	17	17	17	17	18	17	17	17	17	17	17	19	22	24	24
22	25	22	19	17	16	18	15	13	13	13	15	14	****	****	****	****	****	****	****	****	****	****	****	****	****
23																									
24	28	30	31	34	31	33	52	52	10	15	14	12	12	12	18	19	17	16	14	13	12	11	12	20	22
25	25	30	33	33	39	41	58	77	67	60	49	43	40	****	****	19	19	18	18	16	16	16	16	18	34
26	17	16	17	17	16	16	17	17	18	17	18	17	17	16	****	18	17	16	16	15	17	19	19	24	17
27	20	20	19	20	18	18	19	20	22	24	21	20	20	19	18	16	16	16	17	18	18	22	22	20	19
28	18	16	16	15	14	13	13	17	16	16	16	16	17	19	21	20	19	19	19	19	20	14	12	10	16
29	10	11	12	14	15	17	19	19	19	19	19	19	19	19	19	18	18	18	18	18	17	19	24	38	18
30																									
MEAN	24	23	23	23	23	23	27	28	25	25	21	20	21	19	19	18	18	17	16	18	23	21	22	25	21.8

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION															
STATION -			NO 35033										EVANS/ARNOLD ETOBICOKE OAMST										MONTH - JUL			75		
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN			
1	32	21	20	25	22	24	25	26	21	23	18	18	20	21	21	20	19	19	20	19	19	21	22	21	22			
2	21	20	21	21	26	25	26	24	20	20	21	22	22	22	21	22	22	21	21	20	21	20	19	19	22			
3	18	19	17	19	20	20	22	26	22	19	19	19	20	19	19	20	19	18	17	18	20	18	18	18	19			
4	18	19	20	17	17	19	21	24	23	19	22	20	20	18	19	20	19	18	17	18	20	18	18	19	22			
5	13	12	12	11	11	11	11	11	12	12	14	15	14	13	13	13	13	13	14	15	15	15	13	14	18			
6	16	16	17	14	15	17	19	18	15	12	12	13	13	13	14	13	13	13	13	13	17	17	15	17	13			
7	14	16	19	23	32	21	26	21	19	18	18	16	15	16	17	16	17	16	27	17	18	35	18	20	20			
8	19	17	21	27	21	19	18	17	16	17	17	15	15	16	***	24	23	22	22	22	22	21	21	20	20			
9	18	17	17	17	17	17	19	18	18	18	18	18	19	19	19	20	21	19	19	19	20	19	19	19	19			
10	17	17	16	16	17	19	21	20	20	18	17	18	19	20	20	19	19	17	18	19	22	20	18	17	19			
11	16	15	15	16	17	18	18	18	17	16	16	16	16	***	16	16	16	16	16	16	18	30	21	20	17			
12	20	20	20	20	20	20	21	21	20	17	15	16	15	15	15	15	15	15	15	15	16	18	19	21	18			
13	21	21	18	18	18	17	18	17	16	15	16	16	16	16	16	16	16	16	17	18	18	16	16	16	17			
14	15	15	17	17	16	16	17	16	16	15	16	16	16	16	17	17	16	16	16	16	29	30	16	16	17			
15	16	38	17	16	24	22	19	***	21	19	17	18	17	17	19	20	18	19	22	18	24	26	21	21	20			
16	21	21	20	18	21	23	24	26	26	23	20	19	19	19	19	20	19	19	24	18	23	26	23	20	21			
17	19	20	19	18	18	25	30	28	27	25	21	20	20	20	20	22	20	19	23	21	20	20	19	20	21			
18	21	25	22	22	21	22	***	24	24	23	22	23	23	21	19	19	18	21	21	21	18	21	24	25	22			
19	19	18	15	16	15	15	15	15	16	16	17	16	14	14	14	14	15	15	15	15	15	40	17	15	17			
20	14	14	14	14	19	21	19	18	16	17	18	16	14	15	17	16	15	15	16	21	28	26	17	14	17			
21	14	13	13	13	15	19	19	18	16	15	15	16	15	***	19	18	17	16	16	15	15	15	16	15	16			
22	16	14	14	14	17	17	18	17	15	14	18	16	16	16	17	19	16	15	18	15	18	22	23	34	17			
23	31	25	29	29	18	17	22	20	16	16	15	17	17	19	18	17	18	24	18	17	18	17	16	16	20			
24	16	16	16	19	18	16	18	20	15	17	25	18	15	15	15	16	16	16	17	16	17	17	17	16	17			
25	14	13	12	13	13	13	14	15	***	***	18	18	18	19	19	19	19	18	18	17	16	17	17	16	17			
26	17	17	17	17	18	21	20	17	17	19	18	17	17	17	17	17	17	17	18	18	21	24	23	17	18			
27	17	17	22	27	28	22	19	18	16	17	17	18	17	16	16	18	19	18	19	19	19	18	17	19	19			
28	18	17	16	17	18	18	18	18	19	17	17	18	21	20	21	22	22	23	23	24	25	24	24	25	20			
29	24	24	23	24	26	27	31	30	26	***	20	20	20	19	18	18	17	18	20	24	24	23	23	25	23			
30	21	21	24	24	24	23	24	27	24	22	20	19	18	18	17	18	16	18	23	24	24	31	17	16	21			
31	17	16	16	18	18	17	18	21	26	20	24	21	20	19	18	19	18	17	21	29	36	42	37	22	22			
MEAN	18	19	18	19	19	19	20	20	19	18	18	18	17	18	18	18	18	17	19	19	21	22	19	19	18.8			

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION												
STATION -			NO 35033		EVANS/ARNOLD		ETOBICOKE		OAMST		MONTH - AUG 75														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	18	18	19	18	20	23	30	26	20	20	19	17	21	24	21	21	21	22	23	29	37	26	23	22
2	22	25	32	26	25	30	28	24	28	28	23	22	19	19	20	19	19	19	20	23	26	23	25	26	24
3	27	30	18	19	18	18	17	18	19	19	18	18	18	18	18	18	17	17	17	17	18	20	23	25	19
4	24	22	21	21	22	19	17	17	17	17	17	17	16	16	16	16	17	17	17	17	18	19	18	19	18
5	20	19	19	20	19	18	19	19	19	19	18	19	18	17	18	18	17	17	17	18	17	17	18	17	18
6	16	16	16	17	17	19	22	22	19	19	20	19	***	17	18	17	16	15	15	15	17	18	21	28	18
7	30	30	30	19	18	19	20	22	20	18	16	16	16	15	15	16	15	14	16	16	20	30	29	28	20
8	22	23	20	20	19	27	22	24	22	22	***	19	17	17	17	17	17	16	19	20	27	21	17	18	20
9	20	19	19	18	19	23	21	18	18	18	17	17	16	16	16	16	16	16	17	21	19	17	17	19	18
10	19	19	18	18	21	19	19	18	17	17	19	18	17	17	17	17	17	17	18	19	18	18	19	18	18
11	18	16	16	16	17	17	17	20	22	21	20	17	18	***	***	14	14	14	14	13	17	14	16	18	17
12	17	14	14	14	14	14	17	20	20	18	16	20	17	16	16	15	15	15	15	16	16	16	21	24	17
13	24	29	26	21	18	18	17	20	22	22	21	17	18	18	18	18	19	16	15	15	17	19	19	16	19
14	13	12	12	12	12	12	13	15	17	15	14	14	14	13	19	20	19	13	14	14	15	14	14	15	14
15	14	22	15	14	13	14	19	22	26	26	22	25	16	***	16	19	16	13	13	15	14	16	19	20	18
16	21	21	18	17	18	18	21	17	15	15	16	14	14	13	13	13	13	13	13	14	16	15	20	18	16
17	15	23	19	23	22	18	19	18	18	16	15	15	11	11	12	12	12	15	15	13	13	13	13	13	16
18	12	12	12	12	12	13	17	16	14	13	13	14	12	13	13	12	13	13	12	12	14	14	13	13	13
19	13	14	14	14	14	15	17	22	16	13	13	12	12	13	12	13	13	13	15	14	15	21	16	14	14
20	14	14	14	20	17	15	17	19	25	19	18	15	13	13	14	15	16	14	14	18	20	17	16	18	16
21	16	15	15	18	19	22	32	29	25	28	23	24	19	17	17	17	18	31	18	14	14	16	13	14	20
22	14	15	14	13	12	13	14	14	13	13	13	13	15	19	13	14	15	14	14	16	18	22	19	17	15
23	14	15	20	22	24	24	26	24	17	13	13	13	13	13	13	13	13	13	13	13	14	13	13	13	16
24	13	18	16	15	19	19	20	19	17	13	12	13	11	11	12	13	14	12	12	18	17	19	22	18	16
25	20	25	25	29	23	29	24	22	16	14	16	14	14	***	***	26	25	30	25	23	23	28	32	35	24
26	24	22	21	21	27	26	29	38	39	30	26	23	25	24	24	25	24	24	25	32	33	26	26	24	27
27	24	24	25	27	25	26	30	29	24	23	23	22	22	22	23	23	23	23	24	25	27	29	33	25	25
28	34	35	32	39	32	29	36	38	34	41	31	22	22	22	23	24	24	25	26	25	24	24	23	29	29
29	25	24	24	24	25	31	29	29	27	25	24	23	23	24	27	27	25	26	28	27	26	25	24	26	26
30	26	23	22	22	22	22	22	22	23	23	24	22	22	22	22	22	22	23	23	22	22	22	24	24	23
31	23	24	23	23	23	22	22	21	21	21	21	21	21	21	***	***	***	***	***	***	***	***	***	***	***
MEAN	20	21	20	20	19	20	21	22	21	20	19	18	17	17	17	18	18	18	18	18	19	20	20	20	19



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - NO 35033

EVANS/ARNOLD ETOBICOKE OAMST

MONTH - SEP 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	15	13	11	10	11	11	11	11	11	12	11	11	11	12	13	13	12
2	13	13	13	12	12	13	15	15	14	13	12	12	13	12	12	12	12	12	13	15	16	15	20	16	14
3	17	14	17	14	15	16	18	14	12	12	11	12	11	11	12	12	12	12	13	12	13	13	14	16	13
4	16	15	14	13	12	15	22	23	19	15	14	13	13	12	16	19	20	22	20	21	22	17	17	17	17
5	19	19	30	19	19	16	16	14	14	13	13	13	13	13	13	13	13	13	14	14	14	14	13	14	15
6	14	15	15	16	17	16	16	15	14	13	13	13	13	13	13	13	13	13	14	14	14	15	18	17	14
7	15	16	15	15	15	16	22	20	17	****	****	16	18	18	18	18	17	16	17	16	16	16	16	16	17
8	17	17	17	16	18	19	24	22	18	17	17	17	17	17	17	18	17	16	17	18	20	19	23	20	18
9	21	21	19	20	19	25	30	34	24	22	20	17	18	18	18	18	16	16	16	16	17	17	17	18	20
10	27	25	63	28	32	28	29	28	23	21	18	15	17	****	21	23	19	16	18	16	16	15	13	12	23
11	12	11	11	11	11	14	15	19	16	13	13	13	****	****	30	30	30	30	30	30	30	30	30	30	21
12	30	30	30	28	29	28	29	29	28	28	27	28	26	25	25	24	24	25	25	27	25	25	25	25	27
13	24	24	25	25	23	24	24	22	21	21	21	22	20	19	19	19	20	21	21	23	27	26	25	27	23
14	22	25	31	31	34	33	39	46	37	34	23	21	20	****	20	19	18	19	20	23	22	25	32	39	28
15	26	29	35	34	33	35	45	54	46	34	29	31	31	23	21	23	20	18	21	24	30	27	28	28	30
16	27	29	24	24	25	26	33	35	31	25	29	****	****	23	21	22	19	19	20	20	20	20	19	19	24
17	18	18	17	17	17	18	22	23	21	19	19	19	20	18	19	18	17	16	16	15	15	16	15	15	18
18	16	15	16	16	17	19	21	24	22	19	19	17	17	18	20	22	20	18	19	28	23	20	20	19	19
19	20	21	20	19	18	17	16	15	16	15	19	16	14	15	16	15	16	15	15	15	17	15	15	15	17
20	15	15	15	16	15	15	15	15	16	15	15	14	15	14	14	14	14	14	14	15	14	15	16	17	15
21	16	15	16	16	16	16	19	21	19	18	17	16	****	****	16	16	16	16	17	17	16	17	17	18	17
22	19	18	15	16	17	18	23	24	18	15	15	14	14	15	14	16	18	18	20	16	16	16	17	15	17
23	16	16	15	14	14	15	17	18	17	16	16	****	****	19	18	18	17	17	18	19	18	16	17	17	17
24	17	17	16	16	16	17	19	20	19	18	18	18	19	18	18	18	18	18	18	18	18	18	18	19	18
25	18	17	17	15	18	23	28	22	24	27	22	25	23	****	22	22	22	16	16	17	17	17	16	15	20
26	15	14	13	13	13	16	15	15	15	14	14	14	14	14	14	14	14	14	16	21	24	18	16	15	15
27	17	15	14	13	14	15	14	14	14	13	12	12	15	14	14	14	15	15	15	18	24	30	33	26	17
28	18	18	19	24	25	24	29	42	28	22	23	20	19	****	20	19	20	17	18	19	20	17	18	19	22
29	18	21	29	18	16	15	18	19	17	16	15	15	15	15	15	17	16	14	17	21	15	21	17	20	18
30	18	21	29	18	16	15	18	19	17	16	15	15	15	15	15	17	16	14	17	21	15	21	17	20	18
MEAN	19	19	21	19	19	20	23	24	21	19	18	17	17	16	17	18	17	17	18	19	19	19	19	19	18.8

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - NO 35033

EVANS/ARNOLD ETOBICOKE OAMST

MONTH - OCT 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	22	24	24	21	21	30	26	21	****	****	20	18	17	17	18	17	16	16	18	16	13	13	13	19
2	14	14	14	12	13	13	16	15	14	13	14	14	14	14	15	15	15	15	17	16	16	17	17	17	15
3	17	16	15	15	15	16	17	18	18	16	16	15	15	16	15	16	15	15	15	16	16	17	16	16	16
4	18	18	18	18	19	20	24	23	25	22	16	21	19	18	15	15	15	16	16	17	18	21	27	30	20
5	35	38	35	29	24	20	20	20	18	18	17	16	17	16	16	16	16	17	19	27	27	27	30	31	23
6	18	18	18	19	15	15	19	20	18	15	****	17	16	16	17	17	16	16	18	18	18	19	19	19	17
7	20	19	19	20	22	25	31	29	21	17	17	17	18	18	16	17	17	18	20	19	24	29	29	32	21
8	32	29	34	45	46	46	50	46	35	29	30	26	26	23	24	17	15	18	20	17	17	16	16	15	28
9	14	14	13	13	14	15	16	19	18	17	18	17	18	19	18	19	19	17	17	18	18	19	18	17	17
10	18	18	19	18	20	23	25	25	23	20	19	20	****	20	21	23	24	24	22	23	26	25	22	21	22
11	20	23	21	27	26	21	19	19	17	16	16	16	16	17	16	16	16	16	16	16	15	16	15	16	18
12	16	16	16	17	16	17	16	16	16	16	16	16	16	16	16	16	16	16	17	17	17	20	25	25	17
13	26	21	22	23	24	24	18	16	17	19	17	16	18	18	17	17	21	19	22	19	24	28	26	20	21
14	19	17	18	18	19	22	28	30	24	21	23	20	****	22	20	20	18	18	18	18	22	26	25	31	22
15	33	29	29	36	28	28	23	35	18	17	17	17	18	18	20	23	29	34	40	21	20	16	15	15	24
16	14	14	15	16	16	17	20	19	17	17	17	17	16	16	17	18	17	17	17	16	17	16	16	16	17
17	16	16	16	17	19	22	26	24	22	17	17	16	17	18	18	20	19	18	18	16	16	16	16	16	18
18	16	14	14	13	14	14	14	15	15	16	17	16	15	15	16	16	16	16	16	16	15	15	15	15	15
19	14	14	14	15	14	15	15	15	15	15	16	16	15	16	17	16	16	16	17	17	17	18	17	16	16
20	14	15	24	15	15	17	21	20	21	20	19	17	****	17	18	18	17	16	31	18	16	16	17	17	18
21	14	14	13	13	13	15	17	25	25	25	24	17	16	17	17	23	21	19	22	21	18	18	21	23	19
22	21	19	21	18	17	19	23	25	21	20	19	19	19	18	18	23	20	23	20	17	16	16	16	16	19
23	16	15	15	18	18	31	34	51	30	22	19	20	22	****	22	23	22	23	21	19	21	22	27	32	24
24	32	39	55	68	53	52	55	59	52	28	23	21	21	21	****	21	20	26	33	22	21	23	22	18	34
25	19	18	17	17	17	18	17	16	18	19	19	18	17	17	16	17	17	18	20	20	21	21	20	21	18
26	22	20	30	21	24	23	21	18	17	17	16	16	16	16	16	16	16	17	17	18	19	18	20	21	19
27	25	23	25	32	31	35	46	63	56	45	28	24	19	21	22	21	23	21	24	25	29	31	40	36	31
28	37	40	34	35	40	36	29	30	31	28	29	26	22	21	21	19	22	21	19	20	18	17	18	18	26
29	16	15	14	14	14	16	17	16	15	15	15	15	16	****	16	17	17	15	15	15	15	15	17	16	15
30	16	15	14	15	15	15	15	23	20	16	15	16	16	16	16	16	16	17	17	19	19	23	40	26	18
31	31	31	25	47	27	22	31	****	45	17	10	10	10	11	12	12	15	11	9	14	11	10	10	10	19
MEAN	21	20	21	23	22	22	24	26	23	20	19	18	17	18	18	18	18	18	20	19	19	20	21	21	20.2



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION													
STATION -			NO 35033		EVANS/ARNOLD		ETOBICOKE		OAMST		MONTH - NOV 75															
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	12	13	12	10	10	10	12	11	11	11	15	9	10	8	8	9	9	10	10	10	10	11	12	12	11	
2	11	12	17	15	20	22	20	17	12	11	15	14	14	14	13	14	18	17	14	12	11	11	11	11	14	
3	11	12	13	13	15	16	24	34	35	28	19	18	17	22	18	16	21	15	11	10	10	11	10	9	17	
4	8	8	9	10	10	9	11	14	18	11	11	10	9	9	9	10	13	19	11	16	19	15	24	17	13	
5	14	11	22	11	9	10	14	19	17	14	15	10	12	12	***	24	27	31	24	28	23	27	30	21	18	
6	20	22	22	25	30	28	27	30	44	38	30	34	30	24	24	26	35	54	42	36	43	75	83	68	37	
7	45	27	26	35	40	47	52	47	50	45	30	25	26	30	***	31	29	27	25	25	25	25	24	25	33	
8	21	25	25	24	23	22	22	25	28	26	21	21	23	23	23	23	23	22	22	29	33	31	33	34	25	
9	37	41	51	56	54	49	45	41	26	22	21	24	24	26	26	26	26	27	27	27	27	26	26	26	33	
10	27	26	26	26	25	25	24	26	27	24	22	23	21	22	22	21	22	21	23	22	19	19	19	19	23	
11	19	18	18	18	19	19	19	23	23	21	21	21	18	20	25	23	27	43	31	25	25	27	43	49	25	
12	25	36	25	18	17	18	19	22	22	21	19	19	22	23	25	26	33	43	56	38	34	21	18	17	26	
13	18	17	17	16	17	16	18	20	22	19	19	18	18	19	18	18	18	18	18	18	16	16	16	16	18	
14	16	16	15	15	15	15	16	17	17	18	18	18	17	17	17	18	18	18	18	18	17	17	17	18	17	
15	19	18	19	19	18	18	18	22	21	20	19	19	19	19	17	17	18	18	19	19	20	20	20	20	19	
16	21	22	21	19	19	19	21	22	22	20	19	18	18	17	18	19	21	24	29	29	30	29	28	36	23	
17	30	35	44	53	68	47	29	28	35	34	30	24	24	26	22	22	23	22	30	21	20	20	23	23	31	
18	24	24	22	22	22	24	27	41	46	32	31	22	26	26	28	35	33	29	26	25	24	26	30	37	28	
19	38	27	25	26	32	29	27	36	32	31	33	34	29	28	***	34	27	25	21	25	23	27	22	25	29	
20	29	38	40	37	30	21	21	26	26	25	28	32	26	22	23	26	25	22	20	19	20	20	19	16	25	
21	16	16	20	22	11	12	13	19	18	14	14	13	13	14	15	16	14	14	13	13	13	12	12	12	15	
22	12	11	10	11	11	10	12	12	12	12	13	13	14	13	13	14	14	15	24	18	14	15	15	15	13	
23	16	16	16	17	18	18	19	20	20	18	17	16	17	***	19	18	18	19	18	20	23	25	24	24	19	
24	24	21	20	19	19	19	22	24	26	23	23	20	19	21	22	21	25	24	24	21	20	19	19	18	21	
25	18	17	17	17	17	17	18	18	18	19	18	17	17	18	19	20	18	17	17	18	17	17	17	16	18	
26	16	16	16	15	20	21	27	25	24	24	20	20	***	23	23	18	19	19	18	17	16	16	17	17	19	
27	17	17	16	18	21	21	19	19	19	20	19	20	20	20	21	21	28	23	21	22	22	22	21	20	20	
28	21	20	21	23	24	26	24	23	23	23	24	***	***	***	***	***	23	28	29	30	34	28	33	48	40	27
29	48	49	47	37	21	21	21	21	20	21	21	21	21	20	21	21	21	20	19	20	21	21	21	20	25	
30	21	20	19	20	19	19	19	20	19	18	17	16	15	16	16	17	17	16	16	15	15	15	15	16	17	
MEAN	22	22	22	22	22	22	22	24	24	22	21	20	19	20	19	21	22	23	23	22	21	22	24	23	21.9	

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION														
STATION -			NO 35033 EVANS/ARNOLD ETOBICOKE OAMST										MONTH - DEC 75														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	17	18	21	19	18	18	18	20	20	19	19	23	21	***	***	18	19	20	19	19	18	18	18	17	19		
2	17	18	18	17	17	19	25	24	20	20	21	22	21	***	23	25	25	25	25	23	20	20	18	17	21		
3	18	17	16	15	15	17	25	26	20	19	18	17	***	17	16	17	19	20	19	20	23	24	21	24	19		
4	22	18	18	18	16	21	29	30	26	25	***	***	***	14	15	18	17	15	14	12	13	14	14	13	18		
5	13	13	13	14	16	28	48	81	58	26	22	23	21	19	***	***	***	***	***	***	***	***	***	***	19		
6	- DATA INVALID -														17	16	18	17	16	16	17	19	21	19	***	***	
7	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	17	16	18	17	16	16	17	19	21	19		
8	18	17	17	18	18	19	20	21	22	21	19	18	19	***	18	18	18	16	14	15	14	14	14	13	17		
9	12	11	10	10	11	12	14	12	12	12	13	13	***	***	14	13	13	12	12	11	10	11	11	14	12		
10	16	17	23	14	19	19	19	21	21	20	20	19	18	***	18	20	21	18	17	18	25	26	18	17	19		
11	17	17	17	17	17	17	20	23	19	18	17	16	15	15	16	17	18	16	17	18	19	19	20	20	18		
12	20	19	18	17	15	14	17	22	22	20	19	27	***	***	***	22	21	20	21	20	18	18	16	19	19		
13	16	15	15	15	14	14	14	14	***	19	18	21	22	21	21	21	21	20	21	21	23	23	22	23	19		
14	25	24	26	25	22	23	22	22	19	18	18	19	***	18	19	19	18	18	17	18	18	17	18	20	20		
15	19	20	16	15	15	15	17	22	20	21	19	17	17	***	19	18	19	18	17	17	16	17	16	17	18		
16	16	16	15	15	16	18	20	20	19	17	17	19	18	20	22	20	18	18	18	17	19	22	21	21	18		
17	19	21	19	18	20	24	21	20	20	20	19	20	20	20	20	20	20	19	19	18	19	18	17	16	19		
18	17	18	17	19	21	20	19	20	20	19	***	***	***	***	***	21	22	24	25	21	18	17	17	17	20		
19	17	16	17	17	21	23	25	23	***	***	***	***	24	25	***	30	29	28	30	25	18	18	18	18	22		
20	18	18	18	18	18	18	18	18	19	19	19	19	19	19	18	18	17	17	18	19	18	17	17	17	18		
21	18	17	18	19	18	19	19	21	22	23	23	24	25	25	23	21	20	22	24	35	50	61	33	27	25		
22	24	25	23	25	25	27	23	22	22	22	20	18	18	17	17	17	18	20	25	24	21	19	19	19	21		
23	18	19	19	19	22	25	23	23	19	19	19	19	21	26	28	35	34	37	39	39	43	39	32	23	27		
24	19	19	17	17	16	16	17	16	16	16	17	17	17	18	24	24	25	25	23	22	23	25	25	26	20		
25	27	29	29	27	22	21	20	18	18	17	18	18	17	18	24	24	25	25	23	22	23	25	25	26	20		
26	17	18	21	20	17	16	16	18	18	17	16	17	17	17	19	18	19	18	17	17	17	17	17	17	20		
27	19	21	19	20	21	24	22	24	24	24	25	23	23	22	20	20	22	***	***	***	***	***	***	***	22		
28	- DATA INVALID -														22	20	22	***	***	***	***	***	***	***	***	***	22
29	***	***	***	***	***	***	***	***	***	35	31	26	25	22	22	22	22	26	32	29	31	32	22	20	***		
30	21	22	22	21	23	27	27	22	22	23	23	28	26	24	22	25	22	21	22	22	19	18	17	17	22		
31	17	17	18	18	22	24	23	22	22	26	23	21	21	22	24	22	22	22	20	19	19	18	17	17	20		
MEAN	18	19	19	18	18	20	22	23	21	21	20	20	20	21	20	20	21	20	21	21	21	22	19	19	20		



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - NO 35033 EVANS/ARNOLD ETOBICOKE OAMST

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	17.6	21	33
FEB	24	16.9	21	36
MAR	31	15.0	21	40
APR	24	16.6	22	39
MAY	20	19.9	24	45
JUN	11	21.8	35	91
JUL	31	18.8	23	42
AUG	30	19.2	29	41
SEP	29	18.8	30	63
OCT	31	20.2	34	68
NOV	30	21.9	37	83
DEC	26	20.1	27	81
YEAR	316	18.7	37	91

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - NO 35033 EVANS/ARNOLD ETOBICOKE OAMST

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141 - 200	201 & OVER	TOTAL
JAN	0	587	116	4	0	0	0	0	707
FEB	0	541	71	5	0	0	0	0	617
MAR	3	686	46	4	0	0	0	0	739
APR	0	523	86	7	0	0	0	0	616
MAY	0	293	167	23	0	0	0	0	483
JUN	7	168	62	37	3	1	0	0	278
JUL	0	488	236	12	0	0	0	0	736
AUG	0	443	261	23	0	0	0	0	727
SEP	1	464	181	27	1	0	0	0	674
OCT	7	459	210	56	2	0	0	0	734
NOV	33	294	304	76	4	0	0	0	711
DEC	3	351	253	18	2	0	0	0	627
YEAR	54	5297	1993	292	12	1	0	0	7649

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
87.3	8	13.2	15.1	16.8	19.0	24.6	28.8	35.0	42.2	91	18.7



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SE NO 51001

MCDONALD GDN RIDEAU/WURTEMBERG ST, OTTAWA

MONTH - JAN 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
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12																									
13																									
14																									
15	18	17	17	17	17	17	17	16	17	17	20	23	22	22	20	20	20	20	20	19	19	18	18		
16	17	16	17	17	17	17	17	18	22	25	21	19	18	17	17	17	17	17	17	17	17	17	17	17	19
17																									
18																									
19																									
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23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	18	17	17	17	17	17	17	17	20	21	21	21	21	20	19	19	19	20	20	20	19	18	18	18	18.8

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SE NO 51001

MCDONALD GDN RIDEAU/WURTEMBERG ST, OTTAWA

MONTH - FEB 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5	36	28	23	23	29	31	35	37	28	26	28	31	33	33	30	31	30	23	23	24	26	36	39	37	
6	39	40	32	30	40	45	49	54	60	60	61	63	63	63	64	34	38	41	44	40	38	36	38	39	33
7																									
8																									
9																									
10																									
11	38	38	32	32	30	28	28	27	27	26	26	24	25	27	31	28	23	24	52	57	52	36	28	28	32
12	27	25	27	28	29	29	27	29	30	31	29	30	31	31	33	31	31	34	35	32	28	31	40	46	31
13	58	77	68	63	59	40	42	35	28	28	24	21	18	16	16	16	16	18	21	23	25	27	31	33	
14	27	26	26	24	23	22	21	20	20	19	18	19	18	16	16	17	19	21	24	30	67	81	61	64	29
15	77	67	85	84	65	86	110	96	66	51	47	40	37	42	42	38	34	33	37	58	63	65	49	54	59
16	62	54	71	58	72	80	111	116	87	76	53	42	36	29	23	22	23	26	31	61	94	85	94	143	65
17	144	104	83	79	72	41	31	38	32	23	18	17	16	16	16	16	16	16	16	15	15	17	23	37	
18	33	46	88	95	135	155	165	113	85	124	148	94	48	24	23	24	24	24	23	23	23	22	22	23	66
19	32	31	29	27	27	27	29	28	27	25	22	20	19	17	18	22	26	24	23	23	23	25	25	25	25
20	22	26	32	37	38	61	85	63	39	30	27	26	27	28	28	28	31	31	22	22	26	33	37	39	35
21	33	31	31	31	33	35	34	33	32	34	36	33	****	****	****	****	****	****	****	****	****	****	****	****	****
22																									
23																									
24																									
25	19	25	22	22	17	17	17	17	16	17	17	15	14	10	8	8	9	9	9	9	9	9	11	10	14
26	10	9	8	8	8	8	8	8	8	8	8	8	8	8	8	12	12	9	7	9	9	10	8	8	9
27	7	10	9	12	15	13	16	15	14	13	13	14	12	12	13	16	20	23	19	20	12	13	20	26	15
28	21	19	19	19	21	25	32	26	23	20	15	14	14	13	13	13	16	16	14	11	10	10	8	15	17
MEAN	40	39	40	40	42	44	49	44	37	36	35	30	23	21	22	22	23	24	25	28	31	32	32	37	33.0

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST, OTTAWA

MONTH - MAR 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	35	23	23	22	23	16	18	20	17	16	12	11	9	11	14	***	***	***	***	***	***	***	***	18
2	***	***	***	***	***	***	***	19	17	15	15	13	12	12	13	13	13	13	14	15	13	12	12	12	14
3	12	12	12	12	11	11	11	11	10	9	10	10	9	9	8	9	10	11	11	10	11	12	12	12	11
4	12	14	13	15	14	15	18	18	16	14	11	10	9	***	***	***	***	***	***	***	***	***	***	***	***
5																									
6													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
7													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
8													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
9													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
10													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
11													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
12	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
13	28	28	42	40	43	38	33	29	31	31	27	24	19	19	19	21	25	24	28	33	37	36	27	22	29
14	43	66	92	88	79	79	66	63	50	33	22	22	24	24	26	27	30	32	28	23	25	21	37	46	44
15	57	69	73	85	81	90	103	82	61	52	45	36	33	32	29	29	38	42	38	38	34	52	77	96	57
16	127	87	66	89	114	86	67	52	40	35	36	36	29	29	29	36	43	51	37	33	45	71	80	105	59
17	81	70	116	107	116	98	103	91	67	58	41	35	38	43	32	31	27	43	64	50	62	120	122	117	72
18	85	66	57	74	93	99	***	***	***	***	***	***	***	33	28	28	34	49	60	47	44	52	62	77	58
19	89	114	91	78	65	57	52	57	75	59	33	29	29	32	50	37	24	21	19	19	26	39	33	33	48
20	49	38	32	32	40	36	33	29	22	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	25
21	21	21	21	21	23	23	23	23	22	22	22	22	21	21	21	21	24	28	46	85	95	93	132	136	41
22	100	77	52	35	26	19	16	16	16	16	16	16	17	17	17	17	17	17	17	17	19	30	60	41	29
23	24	22	22	22	21	20	20	17	17	17	17	17	17	24	24	24	24	24	24	28	35	47	55	45	52
24	59	43	38	40	38	50	46	37	30	21	17	***	***	***	***	***	***	***	***	***	***	***	***	***	***
25													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
26													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
27													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
28													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
29													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
30													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
31													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -										
MEAN	54	51	50	51	52	50	43	37	33	28	23	22	21	23	23	23	25	29	31	32	36	46	53	57	37.5

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST, OTTAWA

MONTH - APR 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1													-	DATA INVALID	-											
2																	28	39	61	57	42	41	43	39		
3		28	23	19	18	18	17	16	16	16	17	19														
4													67	72	67	63	74	77	74	70	72	84	98	97		
5													31	29	20	22	24	29	36	33	32	34	33	34		
6		34	34	32	33	35	40	43	45	35	33	30	29	30	33	36	38	43	46	50	49	46	43	42	43	
7		46	46	54	51	49	50	47	42	41	35	35	34	37	39	38	37	36	37	41	42	46	52	54	53	
8		51	52	53	50	46	44	46	48	39	38	38	36	38	37	39	43	49	47	43	47	63	64	71	64	
9		61	56	58	56	54	52	51	42	38	32	32	34													
10													-	DATA INVALID	-											
11																	24	24	24	25	30	39	53	66	71	
12		74	74	73	70	67	63	59	57	55	53	52	51	49	47	46	47	45	44	44	43	42	42	40	38	
13		35	33	32	31	30	28	29	29	28	28	28	28	28	27	28	27	27	27	27	27	27	27	27	29	
14		27	26	25	25	25	25	25	25	24	24	24	24	23	23	23	23	23	23	23	23	23	23	23	24	
15		30	30	29	29	31	29	26	25	25	24	24	24	24	24	24	24	24	24	24	25	27	28	26	25	
16		24	24	24	23	24	24	24	24	25	28	25	23	23	24	24	24	23	23	28	31	33	35	30	27	
17		25	24	22	21	18	19	19	20	20	18	18														
18													26	26	27	30	36	44	41	39	33	39	45	41		
19		32	47	51	45	33	24	20	20	19	18	18	17	17	18	18	18	18	19	19	19	20	21	20	24	
20		20	19	20	20	19	21	20	20	19	18	18	18	19	21	20	20	21	25	26	26	24	26	29	22	
21		29	30	30	29	30	33	28	26	28	28	29	26	25	23	23	22	23	26	29	31	33	38	41	44	
22		43	43	37	39	39	37	35	33	29	27	25	22	18	19	20	20	20	23	26	32	30	27	27	33	
23		37	44	57	74	72	70	68	48	41	33	29	23	22	22	20	21	24	22	20	19	18	21	23	23	
24		23	22	24	28	29	31	30	24	25	23	22	21	20	20	20	20	20	23	25	27	28	29	28	29	
25		31	31	29	29	31	36	36	35	32	30	29	27	27	27	25	27	27	28	28	31	39	59	74	78	
26		60	41	29	29	30	29	27	26	25	24	22	23	21	21	22	26	25	23	24	26	28	26	27	28	
27		26	30	28	28	30	29	27	24	18	19	24	23	21	21	20	20	20	18							
28													-	DATA INVALID	-											
29																										
30		24	24	23	24	26	37	37	26	23	22	23	22	21	21	21	22	22	22	18	19	21	20	20	20	
MEAN	36	36	36	36	35	35	34	31	29	27	27	26	28	28	28	28	29	30	33	33	34	37	40	40	32	

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS														UNITS - 0.1 PARTS/MILLION											
STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST, OTTAWA														MONTH - MAY 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	35	28	24	7	****	****	****	****	****	****	****	****	32	33	32	29	25	25	27	31	31	31	31	32	28
2													- DATA INVALID -												
3													- DATA INVALID -												
4													- DATA INVALID -												
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16													- DATA INVALID -												
17													- DATA INVALID -												
18													- DATA INVALID -												
19													- DATA INVALID -												
20													- DATA INVALID -												
21	****	****	****	****	****	****	****	****	****	****	****	****	23	23	23	22	22	22	24	24	24	23	23	26	****
22	21	27	26	26	26	25	29	28	28	26	26	26	25	25	25	24	22	22	26	32	44	38	32	34	28
23	31	31	29	30	30	30	30	28	27	29	25	25	24	23	23	23	24	22	24	28	27	27	26	26	27
24	26	26	25	25	24	24	24	24	24	23	23	24	22	22	22	23	22	23	23	24	23	23	23	24	24
25	21	21	21	21	23	24	24	23	23	22	21	21	21	21	21	22	22	23	23	23	24	23	23	24	24
26	27	27	25	25	24	24	25	24	24	24	24	24	22	22	21	23	23	25	27	28	29	31	27	27	25
27	27	28	28	26	26	25	25	24	24	24	23	23	21	21	21	21	21	21	21	21	21	22	23	23	23
28	21	22	22	22	23	23	24	24	23	22	23	22	20	****	17	17	17	17	17	18	20	20	23	24	21
29	21	22	22	22	21	21	22	22	22	21	20	19	20	18	19	18	18	20	24	28	25	26	33	38	23
30	32	28	24	23	23	22	22	21	24	22	21	22	21	22	22	22	21	21	25	23	21	21	19	21	23
31	21	23	23	23	23	20	18	18	18	18	18	18	16	16	16	16	17	17	18	18	21	22	22	22	19
MEAN	26	26	24	23	24	24	24	24	24	23	22	22	22	22	22	22	21	22	23	25	26	26	25	27	23.7

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS															UNITS - 0.1 PARTS/MILLION										
STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST, OTTAWA															MONTH - JUN 75										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	26	28	24	22	20	19	20	22	21	19	18	19	17	17	17	16	16	16	17	18	19	20	20	21	20
2	19	20	20	21	21	21	21	20	19	20	20	20	17	17	17	17	17	18	19	20	20	20	20	20	19
3	21	23	21	30	28	25	26	33	26	23	21	21	18	19	19	20	19	22	22	21	21	20	22	23	19
4	25	23	22	23	23	23	21	21	20	20	20	20	20	22	31	32	24	22	23	22	26	23	25	27	23
5	24	23	20	21	21	21	20	20	20	20	20	21	20	21	20	20	20	21	20	19	19	21	23	25	21
6	18	19	20	22	21	21	22	21	20	20	19	19	18	18	18	18	18	19	17	17	17	17	18	18	19
7	18	17	17	17	17	18	18	18	19	19	19	18	20	19	22	18	17	19	20	20	18	20	20	19	19
8	20	19	19	20	21	20	20	20	19	21	21	21	19	19	19	21	22	21	21	22	21	20	22	22	20
9	20	20	20	23	24	24	23	21	21	20	20	19	19	19	19	19	19	19	19	19	20	21	21	20	20
10	20	20	21	21	21	21	22	21	20	19	18	18	20	***	18	18	18	18	18	18	21	20	18	18	19
11	15	15	15	15	15	15	15	15	15	15	15	15	17	17	17	17	17	17	17	17	32	29	26	18	18
12	18	18	18	18	18	18	18	19	19	19	19	19	21	21	21	22	21	21	19	19	21	19	19	19	19
13	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
14	15	15	13	13	13	15	15	15	14	14	14	14	14	****	****	****	****	****	****	****	****	****	****	****	****
15														- DATA INVALID -											
16														- DATA INVALID -											
17														- DATA INVALID -											
18														- DATA INVALID -											
19														- DATA INVALID -											
20	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
21	30	27	26	28	28	28	29	28	28	27	27	27	25	25	25	25	25	24	24	24	25	25	25	25	26
22	25	25	31	33	33	36	34	27	26	26	26	26	23	23	23	23	23	23	23	25	25	25	25	25	26
23	25	25	25	28	28	28	29	31	29	27	25	25	26	26	26	26	26	26	26	26	26	26	26	26	27
24	24	24	24	24	24	24	24	24	24	24	24	24	21	****	18	18	18	19	18	18	18	18	18	18	21
25	19	19	19	17	17	17	17	17	17	17	17	17	20	18	18	18	18	18	18	18	18	18	18	18	18
26													- DATA INVALID -												
27													- DATA INVALID -												
28													- DATA INVALID -												
29													- DATA INVALID -												
30													- DATA INVALID -												
MEAN	21	21	21	22	22	22	22	22	21	20	20	20	20	20	20	20	20	20	20	20	22	22	22	22	21.0

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SE NO 51001

MCDONALD GDN RIDEAU/WURTEMBERG ST. OTTAWA

MONTH - JUL 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
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9																									
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14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23	31	28	29	28	33	31	31	31	30	28	23	22	22	21	19	23	23	23	23	25	26	19	28	35	28
24	33	33														20	19	17	24	29	30	33	44	37	
25	27	30	28	27	27	22	17	13	13	17	16	14	14	14	14	16	18	19	18	17	17	19	20	23	
26	21	21	24	24	22	25	24	37	35	30	27	24	24	21	22	28	30	38	39	47	48	43	44	43	19
27	50	52	49	54	51	54	51	46	48	45	47	47	49	68	59	55	52	56	53	64	68	59	59	64	54
28	61	60	55	56	54	51	52	45	37	31	28	33	37	27	27	22	25	32	35	40	37	43	48	49	42
29	48	48	48	49	49	49	46	45	39	34	34	30	34	29	30	28	25	28	40	55	67	63	58	60	43
30	59	56	59	56	59	62	63	58	48	37	37	36	28	24	23	27	27	33	36	41	45	40	43	47	44
31	55	62	57	60	57	58	58	52	43	44	40	31	28	28	33	39	37	44	50	59	66	68	65	64	50
MEAN	43	43	44	44	44	44	43	41	37	33	32	30	28	30	28	29	28	32	34	40	42	41	43	44	37 4

- NOTES 1 - - - - - INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2 - - - - - INDICATES DATA IS UNAVAILABLE  
 3 - - - - - INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SE NO 51001

MCDONALD GDN RIDEAU/WURTEMBERG ST. OTTAWA

MONTH - AUG 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	61	62	64	64	65	68	68	72	71	53	24	23	26	15	21	29	38	34	43	37	34	42	47	46	
2	50	53	50	53	56	54	48	41	34	30	24	25	22	19	22	19	16	27	37	44	49	50	47	38	
3	51	49	50	52	54	56	53	53	56	54	49	40	40	41	46	47	51	54	58	58	65	66	65	52	
4	52	58	61	68	72	68																			
5																									
6	35	36	41	40	36	40	39	41	41	42	42	43	32	36	32	27	25	26	33	39	36	38	37		
7	39	42	41	38	31	29	33	31	36		40	38	33	29	27	27	26	26	24	31	47	52	56	54	
8	48	51	44	44	42	42	44	42	44	42	40	38	33	29	27	27	26	26	24	31	47	52	56	54	
9	48	48	48	46	46	51	47	43	36	29	25	24	24	21	21	18	20	24	24	28	33	33	35	34	
10	35	35	37	40	40	40	40	32	32	28	29	26	20	15	16	19	21	25	26	40	51	44	42	46	
11	49	49	50	48	42	42	44	44	42	39	35	31	28	30	30	27	29	34	37	45	46	47	48	48	
12	46	43	44	45	45	44	43	41	37	32	28	27	28	28	27	20	20	21	24	37	43	43	47	47	
13	47	44	48	48	48	48	63	65	60	55	43	36	17		19	22	23	21	21	23	24	22	19	19	
14	19	19	17	16	16	16	16	16	14	14	14	14	14	14	14	15	15	15	15	17	19	19	22	22	
15	20	24	27	27	27	29	27	25	25	25	23	21	19	18	18	16	16	16	18	22	24	24	33	34	
16	31	35	44	28	27	28	25	25	25	24	22	20	16	15	15	15	17	17	17	22	23	22	22	21	
17	21	21	21	23	23	30	27	24	21	20	19	19	20	20	18	17	17	19	19	19	20	20	20	20	
18	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	15	15	15	15	15	
19	15	19	20	22	24	21	21	20	20	17	15	15	13	13	13	13	13	14	15	18	18	18	18	17	
20	18	18	18	20	20	22	21	21	19	19	16	16	16	16	16	15	15	15	17	19	19	23	25	25	
21	22	22	22	22	23	30	26	30	40	31	23	21	18	18	16	18	18	18	21	20	20	22	25	25	
22	23	21	23	21	19	19	19	19	18	20	19	18	16	15	18	18	17	18	19	19	21	22	24	22	
23	22	21	21	21	21	21	21	22	19	22	23	23	23	23	23	23	26	24	26	33	34	27	29	32	
24	32	29	27	25	25	24	24	24	25	24	24	24	24	22	22	23	26	26	26	26	26	27	27	27	
25	27	28	29	30	29	30	30	30	28	28	28	28	30	29	29	29	28	29	28	29	28	28	27	28	
26	28															31		23	23	23	23	23	23	23	
27	25	27	25	27	28	27		23	21	21	20	20	18	17	17	19	21	20	21	28	30	30	31	29	
28	38	34	41	39	42	44	36	38	28	27	24	23	23	23	23	21	20	22	23	30	27	35	26	30	
29	33	31	33	39	35	47	55	51	64	47	42	33	37	29	28	29	31	29	29	29	29	25	29	26	
30	21	22	24	22	23	24	24	23	24	21	21	21	21	21	23	22	24	26	29	35	27	26	26	26	
31	26	29	31	32	38	30	34	26	25	23	21	20	20	20	22	21	20	21	22	24	24	22	39	33	
MEAN	33	34	35	35	35	36	35	34	33	30	27	25	23	23	23	22	23	24	26	30	31	32	33	33	29

- NOTES 1 - - - - - INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
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 3 - - - - - INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS															UNITS - 0.1 PARTS/MILLION											
STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA															MONTH - SEP 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	34	47	45	44	39	36	32	27	35	34	38	34	34	32	28	30	29	32	38	39	37	33	30	31	35	
2	31	40	34	28	29	29	29	32	28	30	30	28	26	23	24	21	21	21	23	23	21	22	22	24	27	
3	24	25	26	26	29	29	27	28	26	24	21	21	21	14	14	14	14	14	15	16	20	19	18	20	21	
4	20	19	18	18	19	18	19	18	15	15	15	15	15	15	14	14	14	14	15	16	20	19	18	20	21	
5	23	22	23	24	24	32	31	27	21	19	20	18	18	18	20	22	19	21	22	24	23	25	24	22	19	
6	23	22	22	22	21	19	19	20	25	26	27	26	26	27	24	22	22	21	23	29	31	27	23	23	23	
7	19	23	23	26	29	40	29	28	30	27	31	26	24	22	24	23	26	24	23	23	24	21	21	20	23	
8	21	22	32	26	27	29	31	29	24	22	20	19	19	17	17	17	17	16	16	18	18	18	18	21	21	
9	16	16	16	16	16	16	16	18	17	15	16	16	19	19	19	19	18	18	20	20	24	23	29	27	19	
10	30	31	28	24	26	26	26	25	22	20	20	17	19	19	17	18	20	21	21	21	24	27	29	26	23	
11	26	26	30	31	40	29	33	33	23	19	19	19	19	19	19	21	20	24	23	21	22	22	19	20	24	
12	19	19	19	18	18	19	18	18	18	18	18	18	19	17	17	19	20	23	28	38	28	21	31	36	22	
13	29	33	29	38	32	29	24	22	28	24	21	20	18	18	18	18	26	19	23	25	20	23	22	21	24	
14	24	22	20	23	22	22	22	21	20	19	18	18	18	18	18	18	21	24	37	42	50	39	38	32	25	
15	25	24	24	22	22	26	26	24	22	19	17	17	17	17	18	18	18	18	18	21	21	20	20	20	21	
16	20	21	21	24	25	23	27	26	26	24	23	23	23	24	23	23	23	24	24	25	25	26	28	29	24	
17	34	32	28	30	31	28	32	32	29	26	28	26	26	25	29	28	28	28	37	46	42	47	42	38	32	
18	32	30	27	27	25	26	27	27	25	25	25	25	25	25	27	32	36	45	45	34	32	30	32	34	30	
19	31	32	29	31	27	28	30	37	37	37	38	37	39	36	34	38	41	46	54	42	43	41	44	42	37	
20	41	36	36	35	36	38	41	36	34	36	36	38	36	34	35	32	31	30	32	31	33	33	33	34	35	
21	34	34	37	37	34	35	30	32	33	32	29	29	28	28	28	27	25	30	31	30	29	28	29	30	31	
22	28	28	28	29	29	28	31	27	28	28	27	27	27	27	27	26	27	29	30	30	29	30	30	30	28	
23	28	29	30	30	29	30	33	33	30	30	30	30	28	27	27	27	28	29	30	35	38	38	32	29	30	
24	30	29	29	27	27	28	32	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	
25	24	24	24	24	24	24	24	23	23	21	21	22	22	22	22	22	22	22	22	22	22	25	25	25	26	
26	20	20	23	23	25	27	26	27	27	28	28	30	30	30	33	33	36	36	45	46	47	47	47	47	33	
27	46	47	45	48	43	43	45	38	34	34	32	31	31	29	27	27	29	28	30	32	30	30	30	25	35	
28	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	
29																										
30																										
MEAN	27	28	28	28	28	28	28	27	26	25	25	24	24	23	23	24	25	26	29	30	29	28	28	28	26	6

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
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POLLUTANT - TOTAL HYDROCARBONS															UNITS - 0.1 PARTS/MILLION										
STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA															MONTH - OCT 75										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	22	22	21	21	21	21	21	21	21	21	21	21	22	24	26	26	26	25	25	26	25	25	23	23
2	27	32	32	34	29	26	27	28	26	24	21	21	22	22	22	22	22	24	23	23	23	27	24	22	24
3	24	23	23	25	25	27	27	26	25	22	23	23	23	23	27	31	28	29	34	42	51	57	46	43	30
4	41	43	37	35	39	43	38	32	31	32	30	30	27	25	25	25	25	29	33	31	33	35	31	26	32
5	26	25	25	25	25	25	25	23	23	23	20	21	21	21	21	22	22	22	22	23	23	23	23	23	23
6	23	23	24	25	26	26	30	27	25	28	29	28	28	27	30	32	32	40	42	34	33	33	33	33	30
7	30	29	32	29	29	29	32	32	30	26	26	23	23	24	24	26	26	28	30	28	28	25	22	22	28
8	24	24	24	23	25	27	28	29	26	26	23	23	24	24	24	26	26	26	28	30	30	30	28	31	26
9	30	30	30	29	28	29	30	30	28	27	30	30	31	30	30	30	33	31	34	34	33	33	32	32	31
10	33	33	32	30	27	29	39	32	32	30	29	29	29	29	28	32	35	30	29	31	32	32	32	32	31
11	31	29	29	32	29	30	29	29	26	26	26	28	28	31	35	39	41	36	36	27	28	29	32	31	31
12	31	31	30	37	31	31	32	31	31	34	32	30	29	29	32	32	32	33	42	40	40	40	36	36	33
13	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
14	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
15	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
16	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
17	37	33	33	35	33	33	33	33	32	32	32	32	26	28	29	33	30	31	33	34	33	33	32	30	32
18	30	30	30	30	30	30	30	30	30	30	30	30	28	28	28	28	28	30	31	33	33	33	33	33	30
19	33	33	33	36	33	35	32	35	35	35	39	48	45	41	43	40	40	40	37	37	37	37	37	37	37
20	32	33	34	35	36	34	35	35	36	36	34	32	34	36	35	36	36	34	34	34	34	34	34	34	34
21	39	39	39	37	35	35	39	39	34	29	30	30	30	30	29	32	35	38	47	65	61	66	60	60	40
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30	55	49	50	48	44	44	45	44	47	46	47	47	48	43	48	58	62	65	69	102	86	83	89	88	59
31	88	86	88	105	87	95	102	107	96	101	94	94	88	82	82	81	81	84	84	82	88	90	91	95	90
MEAN	35	34	34	35	33	34	35	35	33	33	33	33	32	31	32	34	35	36	39	40	39	41	39	38	35



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA

MONTH - NOV 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	96	108	97	96	85	82	89	86	93	88	89	87	89	90	80	80	90	91	86	99	95	100	97	108	92
2	118	126	109	104	110	100	104	112	126	110	101	99	102	95	83	89	92	93	82	75	64	53	45	42	93
3	36	31	27	27	27	26	26	26	26	24	24	24	23	23	23	23	23	23	23	23	23	23	23	23	25
4	23	22	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
5	19	19	20	20	20	19	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	21
6	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
7	52	68	93	89	67	62	60	56	66	63	65	60	58	60	65	56	61	57	53	49	40	44	36	37	59
8	40	43	43	45	39	40	40	47	44	38	36	33	35	31	37	50	56	44	42	47	47	47	47	47	42
9	49	53	52	50	55	65	110	87	72	61	61	57	59	56	59	55	71	75	58	58	56	56	56	56	62
10	42	34	32	32	29	27	29	29	26	33	32	31	31	40	47	38	29	30	32	31	34	30	30	30	32
11	30	32	30	28	28	29	33	44	35	29	****	31	30	32	36	38	65	107	129	148	131	104	133	169	64
12	146	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
14	34	31	30	29	28	28	29	40	41	50	52	48	61	54	54	60	50	43	45	47	39	42	39	34	44
15	48	51	54	46	43	57	53	60	51	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
17	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
19	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
20	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
22	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
23	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
24	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
25	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
26	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
27	25	25	25	25	25	25	25	25	25	25	25	25	25	23	23	23	23	24	24	26	29	29	27	30	25
28	31	29	29	29	27	25	24	24	24	24	24	24	24	****	****	****	****	****	****	****	****	****	****	****	****
29	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
30	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
MEAN	51	46	46	44	42	42	46	47	47	44	46	44	47	46	47	45	48	50	49	51	49	47	47	49	46.7

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA

MONTH - DEC 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA INVALID -												
2													- DATA INVALID -												
3													63	56		32	30	30	30	30	30	30	29	29	
4	28	28	28	28	28	29	31	33	32	33	33	33	32	32	34	38	44	47	56	53	47	42	39	36	
5	36	36	36	36	36	36	37	39	39	39	38	36	37	37	37	37	37	37	37	37	37	37	36	37	
6	35	35	35																						
7													- DATA INVALID -												
8													- DATA INVALID -												
9													- DATA INVALID -												
10															27	26	26	26	27	27	27	27	28	28	
11	28	28	28	27	26	26	26	26	26	26	26	26	27	27	27	27	27	28	29	29					
12													- DATA INVALID -												
13													- DATA INVALID -												
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19													- DATA INVALID -												
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21													- DATA INVALID -												
22													- DATA INVALID -												
23														28	29	30	31	32	34	34	33	32	32	33	
24	33	33	33	33	34	34	35	35	36	34	34	33	33	32	32	34	35	36	40	51	47	45	43	40	
25	39	39	38	37	37	37	37	37	37	37	35	34	33	33	32	33	34	36	36	36	35	34	34	36	
26	33	33	32	32	31	31	31	31	30	30	31	30	31	31	30	31	31	31	31	31	31	31	32	31	
27	32	32	32	32	32	33	34	34	35	34	34	34	36	42	34	33	34	34	36	36	37	37	38	39	
28	40	39	39	39	38	37	36	37	37	37	35	36	36	35	35	35	35	36	38	39	41	44			
29													52	53	58	61	60	49	50	52	49	46	45	44	
30	41	40	40	39	40	40	39	42	48	48	47	46	46	48	37	35	31	31	30	29	29	29	28	28	
31	30	28	31	29	25	25	25	25	26	26	25	25	27	26	26	26	26	26	26	27	29	29	31	29	
MEAN	34	34	34	33	33	33	33	34	35	34	34	35	36	38	35	34	33	34	35	36	36	36	36	34	

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST, OTTAWA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	2	18.8	19	25
FEB	15	33.0	66	165
MAR	14	37.5	72	136
APR	18	32.4	53	98
MAY	11	23.7	28	44
JUN	18	21.0	27	36
JUL	8	37.4	54	68
AUG	28	29.7	52	72
SEP	27	26.6	37	54
OCT	19	35.2	90	107
NOV	13	46.7	93	169
DEC	10	34.6	38	63
YEAR	183	31.6	93	169

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST, OTTAWA

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141 - 200	201 & OVER	TOTAL
JAN	0	34	19	0	0	0	0	0	53
FEB	48	76	128	115	34	12	5	0	418
MAR	13	92	84	93	37	24	0	0	343
APR	0	46	277	168	30	2	0	0	523
MAY	1	26	220	20	0	0	0	0	267
JUN	0	186	241	14	0	0	0	0	441
JUL	0	23	65	108	14	0	0	0	210
AUG	0	139	316	221	20	0	0	0	696
SEP	0	115	374	154	0	0	0	0	643
OCT	0	0	250	211	27	11	0	0	499
NOV	0	3	143	130	36	34	3	0	349
DEC	0	0	79	202	2	0	0	0	283
YEAR	62	740	2196	1436	200	83	8	0	4725

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
53.9	7	17.3	22.0	26.5	32.4	50.3	64.4	89.1	102.4	169	31.6



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS																UNITS - 0.1 PARTS/MILLION									
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL																MONTH - APR 75									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY																									
1													- DATA INVALID -												
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19													- DATA INVALID -												
20													- DATA INVALID -												
21	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	19	19	21	26	28	28	29	30	***
22	37	46	45	42	47	35	34	35	37	31	28	26	25	25	24	23	24	23	23	24	26	28	30	30	31
23	29	31	34	32	33	40	42	40	37	37	36	30	27	26	26	24	25	24	24	24	23	23	26	29	30
24	22	23	23	23	26	23	23	26	23	***	18	19	19	19	18	18	18	17	17	18	19	26	25	23	21
25	24	24	30	32	31	30	27	32	30	29	31	34	32	29	26	29	27	23	30	36	47	57	50	51	33
26	65	70	68	37	27	30	30	28	24	23	22	21	21	21	21	20	20	25	21	21	20	21	22	21	29
27	21	21	25	25	24	22	21	22	22	22	21	20	20	19	19	18	18	18	19	25	34	37	27	21	23
28	30	43	56	45	56	52	32	30	28	31	31	29	26	24	24	24	23	25	28	35	30	28	28	29	33
29	35	32	28	26	29	31	25	26	25	24	26	23	23	22	21	21	20	20	20	20	20	21	22	23	24
30	23	24	24	25	***	***	***	***	***	***	***	***	***	***	***	27	24	23	23	23	25	25	24	25	25
MEAN	32	35	37	32	34	33	29	30	28	28	27	25	24	24	23	22	22	22	23	25	27	29	28	28	27.7

- NOTES 1. \*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

		POLLUTANT - TOTAL HYDROCARBONS														UNITS - 0.1 PARTS/MILLION										
		STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL														MONTH - MAY 75										
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		26	25	25	28	27	27	28	28	27	28	27	26	26	26	27	28	30	28	28	31	36	44	40	37	29
2		39	47	45	44	38	44	48	46	41	39	42	41	38	34	33	36	39	31	39	48	41	57	68	56	43
3		57	64	56	48	43	51	44	45	38	39	35	34	32	30	30	28	26	26	24	27	32	28	25	26	37
4		27	27	27	25	25	24	24	24	25	25	25	25	30	36	37	27	27	28	27	28	27	27	27	26	27
5		27	26	26	27	26	27	26	27	27	26	26	26	27	26	25	24	24	25	25	28	27	28	26	25	26
6		26	25	25	25	25	25	25	26	27	29	29	26	25	25	24	24	24	23	23	23	24	23	24	24	25
7		24	28	35	52	44	65	69	58	46	40	36	31	30	28	23	***	***	***	***	***	***	***	***	***	***
8													- DATA INVALID -													
9													- DATA INVALID -													
10													- DATA INVALID -													
11													- DATA INVALID -													
12		***	***	***	***	***	***	***	***	***	***	***	***	***	23	18	14	14	14	18	25	29	32	27	26	***
13		30	35	36	29	19	26	23	24	25	21	17	16	13	12	12	12	11	10	16	27	31	32	42	46	24
14		50	45	43	38	40	35	22	18	19	18	15	17	17	14	14	15	21	17	15	18	22	21	27	22	24
15		26	27	24	24	23	27	40	43	34	25	28	22	18	21	22	18	24	19	15	20	32	24	25	27	25
16		18	16	24	21	26	21	18	19	17	16	16	17	17	16	14	14	15	14	13	13	22	34	41	51	21
17		50	42	43	51	49	39	33	25	19	18	17	16	15	17	16	14	14	14	14	21	31	30	33	24	27
18		22	28	40	34	30	25	22	18	15	14	13	13	13	13	12	12	12	11	11	14	16	19	18	17	18
19		18	19	18	19	18	17	17	17	16	16	15	14	13	13	13	13	12	12	13	13	14	17	24	26	16
20		25	24	21	22	23	21	22	24	24	18	15	14	13	12	12	12	12	12	12	12	13	13	13	14	17
21		14	13	14	14	18	17	16	16	16	14	15	14	14	14	13	13	13	13	13	15	16	18	20	21	15
22		22	23	19	19	18	21	18	18	28	23	21	18	16	14	12	12	12	12	13	17	19	16	15	17	
23		15	14	15	16	15	16	16	15	18	17	16	15	14	13	13	14	13	14	13	14	17	19	20	19	15
24		16	16	15	31	40	27	22	18	16	15	14	15	14	14	14	13	13	13	13	14	14	14	14	14	17
25		14	14	19	21	18	17	21	19	16	16	16	15	16	14	13	12	12	12	12	12	14	18	33	53	18
26		38	29	30	43	22	16	19	17	15	14	14	15	***	***	***	***	***	***	***	***	***	***	***	***	***
27													- DATA INVALID -													
28													- DATA INVALID -													
29													- DATA INVALID -													
30													- DATA INVALID -													
31													- DATA INVALID -													
MEAN		28	28	29	30	28	28	27	26	24	22	22	20	20	20	19	18	18	17	18	21	24	26	28	28	23.8

- NOTES 1. \*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS															UNITS - 0.1 PARTS/MILLION										
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL															MONTH - NOV 75										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2													- DATA	INVALID	-										
3													- DATA	INVALID	-										
4													- DATA	INVALID	-										
5													- DATA	INVALID	-										
6													- DATA	INVALID	-										
7													- DATA	INVALID	-										
8													- DATA	INVALID	-										
9													- DATA	INVALID	-										
10													- DATA	INVALID	-										
11													- DATA	INVALID	-										
12													- DATA	INVALID	-										
13													- DATA	INVALID	-										
14													- DATA	INVALID	-										
15													- DATA	INVALID	-										
16	22	24	25	25	26	28	23	21	20	19	18	17	16	19	29	17	18	18	18	17	17	17	19	24	20.7
17	39	24														30	39	54	58	47	35	31	37	45	30
18																									
19																									
20	17	17	17	17	18	18	19	19	19	18	18	18	19	19	21	21	19	18	19	18	18	18	17	17	18
21	18	18	18	18	18	18	18	18	19			4	21	20	21	22	21	21	21	19	19	18	18	18	18
22	18	18	18	18	18	18	18	18	19	19	21	21	21	20	20	21	23	23	23	26	23	22	22	22	21
23	23	23	23	23	23	23	23	23	24	24	23	23	23	23	23	23	25	26	26	28	34	37	34	35	26
24	37	33	31	29	29	27	27	28	29			21	20	20	18	18	17	22	21	18	18	18	18	18	23
25	18	18	17	17	17	17	18	19	18	18	18	18	18	18	18	18	19	19	19	19	19	18	18	18	18
26	19	18	18	18	18	19	19	19	21	22	22	21	20	20	19	19	21	20	20	20	20	20	20	20	20
27	20	20	20	20	20	20	20	21	21	21	20	21	20	21	24	25	29	29	21	20	20	19	19	21	21
28	19	19	19	19	19	19	18	19	19	19	19	19	19	20	20	20	20	20	21	21	21	21	21	21	20
29	20	20	20	21	20	20	21	22	21	21	20	20	17	18	17	17	17	17	17	17	17	17	16	19	19
30	16	16	16	16	17	16	16	17	17	20	23	22	19	18	15	16	15	15	14	14	14	15	13	14	16
MEAN	22	21	20	20	20	20	20	21	21	20	20	19	20	19	20	20	22	23	22	22	21	21	21	22	20.7

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS															UNITS - 0.1 PARTS/MILLION											
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST. , CORNWALL															MONTH - DEC 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	14	14	14	20	15	15	****	****	****	24	23	22	21	20	21	22	21	21	22	22	22	22	22	22	20	
2	23	23	22	22	23	23	24	24	25	23	22	23	24	24	****	32	29	27	26	26	26	25	24	25		
3	23	23	24	23	22	22	22	23	22	15	15	14	14	14	15	14	15	15	16	18	17	19	18	18		
4	16	16	16	16	15	16	22	19	21	19	17	22	15	15	15	15	17	19	21	22	25	23	23	21		
5	21	19	19	18	17	17	18	18	19	19	18	19	19	18	18	21	23	25	22	24	27	30	22	16		
6	15	15	15	15	15	14	14	15	14	15	15	15	16	16	16	16	16	16	16	16	16	16	16	15		
7	16	17	16	17	16	16	17	17	17	17	17	16	17	16	16	16	16	16	17	17	18	18	19	17		
8	17	17	16	17	17	17	17	19	20	19	17	16	17	17	17	17	16	16	17	17	17	17	17	17		
9	16	16	18	19	19	19	20	19	18	18	18	18	17	16	16	16	16	16	17	17	17	17	17	17		
10	****	****	****	****	****	****	****	****	****	****	16	15	16	15	15	15	16	16	15	15	15	15	15	15	18	
11	15	15	15	15	15	15	15	15	16	15	15	15	15	15	15	15	16	16	16	18	17	17	17	18	16	
12	23	21	19	19	20	20	21	26	29	24	21	18	17	17	17	18	18	19	19	20	20	19	18	19	20	
13	18	17	18	18	18	18	17	18	18	17	17	17	17	17	17	17	18	18	17	18	18	19	19	18		
14	19	18	19	18	19	21	21	21	19	18	18	18	19	18	18	18	18	17	17	18	18	18	17	18		
15	17	17	17	17	17	17	17	18	18	****	****	15	17	17	17	17	17	17	17	18	18	18	18	17		
16	18	17	17	17	17	18	17	18	18	18	19	19	18	19	19	19	20	20	20	20	21	21	19	19		
17	20	20	19	19	18	18	18	20	20	19	19	18	****	****	****	16	18	16	16	17	19	17	13	13	18	
18	12	13	14	13	11	11	11	11	12	13	****	****	****	****	****	13	13	13	14	14	14	13	13	13	13	
19	13	14	14	14	13	13	14	14	15	14	15	15	15	15	15	16	17	15	17	16	16	16	16	15		
20	16	25	18	18	16	15	16	16	16	16	16	17	17	****	****	****	****	****	****	****	****	****	****	****	****	
21																										
22	****	****	****	****	****	****	****	****	****	****	16	-	DATA INVALID				-	13	13	13	13	12	13	13	15	****
23	15	13	12	11	11	12	12	12	11	11	12	15	13	13	15	13	13	13	13	13	14	14	13	15	****	
24	14	14	16	14	15	17	19	17	17	13	13	12	12	12	12	12	13	13	13	14	14	13	12	13	12	
25	14	14	13	13	13	13	13	13	13	13	13	13	13	13	14	12	13	15	15	14	15	15	16	15	15	
26	14	14	15	15	14	14	14	13	13	13	13	13	13	13	13	14	14	14	14	14	14	14	14	14	14	
27	11	12	11	11	11	12	12	12	12	12	12	12	12	12	12	12	12	11	11	12	12	13	12	12	13	
28	13	12	12	12	12	12	12	13	13	12	12	12	12	12	12	12	14	13	13	13	12	13	13	13	12	
29	15	16	17	18	14	18	17	19	18	20	20	20	18	16	14	12	12	13	14	14	14	14	14	14	13	
30	18	17	16	16	15	16	17	19	20	19	18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
31																										
MEAN	17	17	16	16	16	16	17	17	17	17	17	16	16	16	15	16	17	17	17	17	18	18	17	17	16.6	

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR	8	27.7	33	70
MAY	19	23.8	43	69
JUN		DATA UNAVAILABLE		
JUL		DATA UNAVAILABLE		
AUG		DATA UNAVAILABLE		
SEP		DATA UNAVAILABLE		
OCT		DATA UNAVAILABLE		
NOV	12	20.7	30	58
DEC	25	16.6	25	32
YEAR	64	21.0	43	70

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141- 200	201 & OVER	TOTAL
JAN		DATA UNAVAILABLE							
FEB		DATA UNAVAILABLE							
MAR		DATA UNAVAILABLE							
APR	0	19	146	46	3	0	0	0	214
MAY	1	221	180	88	4	0	0	0	494
JUN		DATA UNAVAILABLE							
JUL		DATA UNAVAILABLE							
AUG		DATA UNAVAILABLE							
SEP		DATA UNAVAILABLE							
OCT		DATA UNAVAILABLE							
NOV	1	159	131	16	0	0	0	0	307
DEC	0	530	100	1	0	0	0	0	631
YEAR	2	929	557	151	7	0	0	0	1646

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
56.2	4	12.7	15.9	18.1	22.1	29.7	37.7	46.5	53.5	70	21.0



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS											UNITS - 0.1 PARTS/MILLION													
	STATION - NE NO 77016 ASH ST WATER TANK SUDBURY											MONTH - JAN 75													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
3	21	20	20	20	19	20	20	20	21	----	----	----	----	----	----	19	20	21	21	20	20	22	21	20	-----
4	18	18	17	17	17	17	17	17	17	18	17	17	17	17	18	18	18	18	17	17	17	17	17	17	19
5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
7	20	20	19	20	20	20	21	22	22	31	22	21	21	21	----	23	25	24	22	21	20	20	20	20	-----
8	27	23	20	19	19	19	19	20	21	20	22	21	21	21	21	22	23	30	30	36	33	38	35	32	25
9	21	21	21	19	19	19	20	----	----	----	----	----	----	----	----	21	21	21	20	20	20	20	20	19	21
10	22	22	21	21	21	20	20	22	23	----	----	----	----	----	----	21	21	23	20	24	23	25	22	23	21
11																									
12																									
13	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
14	18	18	18	18	17	17	18	18	19	20	19	18	17	21	19	19	21	23	18	19	18	18	18	19	-----
15	37	27	22	21	21	20	21	22	22	23	23	21	22	23	25	25	22	24	21	19	19	19	19	18	22
16	18	18	19	19	19	18	18	18	18	19	19	18	19	18	18	19	19	20	19	19	19	19	19	19	19
17	19	19	19	19	19	20	21	25	25	----	----	----	----	----	----	18	18	17	17	19	21	22	19	19	19
18	19	21	17	17	16	16	16	17	18	18	20	20	19	19	20	20	20	19	19	18	18	18	18	18	19
19	18	18	18	17	17	17	17	17	17	17	17	17	17	18	18	17	18	18	18	18	18	18	17	17	17
20	18	18	18	18	18	18	19	19	25	19	18	20	20	20	21	21	20	20	19	19	17	17	16	16	19
21	16	16	16	16	16	16	16	17	17	16	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	21	20	19	19	18	18	19	20	20	20	20	20	20	20	20	20	21	22	21	21	21	22	21	21	20 1

- NOTES 1. ---- INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. ----- INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS											UNITS - 0.1 PARTS/MILLION													
	STATION - NE NO 77016 ASH ST WATER TANK SUDBURY											MONTH - FEB 75													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4	22	21	21	21	21	22	20	23	22	21	21	20	18	19	19	23	25	27	27	27	28	27	27	28	-----
5	19	17	17	16	17	18	18	17	17	17	17	18	17	20	18	17	20	25	23	23	19	19	20	21	20
6	18	17	17	17	18	18	17	18	18	18	18	19	17	16	16	16	17	17	17	16	16	16	15	15	17
7	16	16	15	15	15	15	16	16	16	16	16	16	16	16	16	16	17	17	17	17	17	17	17	17	17
8	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	17	17	17	17	17	17	17	17	17
9	18	19	20	21	21	20	19	20	22	22	21	20	19	18	18	20	20	21	21	23	18	20	21	19	20
10	21	20	18	17	16	16	17	17	20	17	----	----	----	----	----	16	17	18	18	18	16	17	18	17	17
11	17	17	16	16	16	16	16	16	16	16	16	16	16	17	17	18	18	19	20	21	19	18	18	22	17
12	22	17	16	17	17	17	17	18	21	24	19	20	19	19	19	20	21	21	19	18	17	16	16	16	19
13	16	16	16	16	15	15	15	16	17	17	17	17	18	17	17	17	17	18	17	17	17	17	17	17	17
14	16	16	16	16	16	16	16	17	17	17	16	16	16	17	16	17	21	27	25	21	22	22	22	24	19
15	24	27	35	31	37	38	29	28	24	21	21	21	19	18	21	21	21	22	19	20	18	17	16	17	24
16	17	18	18	23	19	20	17	18	18	17	17	17	18	17	16	16	18	19	21	25	27	25	26	21	20
17	21	21	20	18	18	18	19	21	21	----	----	----	----	----	----	20	19	18	16	16	16	16	16	16	18
18	17	16	15	15	16	15	16	17	17	16	16	15	15	16	17	16	18	17	18	17	17	16	16	16	16
19	16	16	15	15	15	16	16	16	17	17	16	17	17	17	18	18	18	19	18	17	17	16	16	17	17
20	17	17	17	17	17	17	17	17	18	17	17	17	17	17	17	17	17	18	18	17	17	18	19	18	17
21	17	17	17	17	17	17	17	17	18	17	17	17	17	18	17	18	18	19	19	19	19	19	19	20	18
22	21	21	28	20	19	18	18	18	18	18	18	18	18	17	17	16	16	17	17	17	16	16	17	17	18
23	16	16	16	16	17	17	17	18	18	18	17	17	18	17	16	16	17	17	17	17	17	17	17	17	17
24	17	16	16	16	17	17	16	17	17	17	18	19	17	18	20	19	18	18	18	19	17	16	17	17	17
25	17	16	15	15	15	16	16	17	17	17	17	17	17	17	16	16	19	18	17	17	16	15	15	14	16
26	15	15	15	15	15	15	17	16	16	----	----	----	----	----	----	15	15	15	15	16	15	15	15	15	15
27	16	16	15	15	16	16	17	18	16	16	16	16	16	17	16	16	16	16	16	16	16	17	18	17	16
28	18	18	18	18	18	18	18	18	19	19	19	19	19	19	19	19	19	19	19	18	18	17	17	22	19
MEAN	18	18	18	18	18	18	17	18	18	18	18	18	17	17	17	18	18	19	19	19	18	18	18	18	18 0

- NOTES 1. ---- INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. ----- INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

[illegible]

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. + INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION													
STATION - NE NO 77016 ASH ST WATER TANK SUDBURY												MONTH - APR 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA	INVALID	-											
2												- DATA	INVALID	-											
3												- DATA	INVALID	-											
4												- DATA	INVALID	-											
5												- DATA	INVALID	-											
6												- DATA	INVALID	-											
7												- DATA	INVALID	-											
8												- DATA	INVALID	-											
9												- DATA	INVALID	-											
10												- DATA	INVALID	-											
11												- DATA	INVALID	-											
12												- DATA	INVALID	-											
13												- DATA	INVALID	-											
14												- DATA	INVALID	-											
15												- DATA	INVALID	-											
16												- DATA	INVALID	-											
17												- DATA	INVALID	-											
18												- DATA	INVALID	-											
19												- DATA	INVALID	-											
20												- DATA	INVALID	-											
21												- DATA	INVALID	-											
22												- DATA	INVALID	-											
23												- DATA	INVALID	-											
24												- DATA	INVALID	-											
25												- DATA	INVALID	-											
26												- DATA	INVALID	-											
27												- DATA	INVALID	-											
28												- DATA	INVALID	-											
29												- DATA	INVALID	-											
30	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	50	42	42	44	44	43	42	40	44	44	43	43	45	0.000000
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	50	42	42	44	44	43	42	40	44	44	43	43	45	43.5

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS														UNITS - 0.1 PARTS/MILLION											
STATION - NE NO 77016 ASH ST WATER TANK SUDBURY														MONTH - MAY 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	44	44	45	46	45	45	48	49	52	51	55	58	54	51	49	48	50	55	59	60	63	63	61	60	52
2	62	55	54	55	57	58	63	64	65	62	57	54	54	55	53	53	54	55	58	61	58	59	57	58	58
3	55	56	56	60	63	63	61	59	58	57	57	58	59	58	58	61	65	67	68	70	67	58	55	51	60
4	49	49	48	47	46	47	45	48	51	52	48	45	36	36	34	37	41	48	55	60	64	66	58	53	48
5	51	53	54	57	52	54	54	47	44	34	38	40	41	39	38	38	38	36	36	37	39	36	33	32	43
6	33	35	32	32	32	32	32	36	36	35	35	32	32	31	30	30	31	34	35	37	42	44	45	45	35
7	44	44	41	38	38	38	37	35	***	***	***	***	***	***	***	34	38	37	37	44	49	46	44	43	40
8	41	41	41	41	39	37	35	36	38	***	***	37	37	39	43	44	44	46	43	44	46	58	65	67	69
9	66	61	53	44	46	48	48	45	49	49	44	44	50	48	49	41	48	50	46	48	55	62	63	65	51
10	70	67	60	61	63	59	58	56	51	48	49	48	46	47	48	47	41	40	40	42	45	46	45	43	51
11	42	42	43	45	48	46	46	46	46	49	50	48	41	33	34	38	42	38	34	32	32	31	31	32	40
12	32	32	32	33	33	33	32	33	33	***	36	36	40	43	44	50	51	54	55	48	47	41	41	41	40
13	44	43	39	35	34	40	42	41	42	43	44	44	46	46	48	47	42	37	37	40	41	44	42	40	42
14	41	41	43	45	46	46	43	42	43	43	43	41	42	42	40	38	40	42	44	45	46	48	49	49	43
15	46	46	50	50	47	44	41	44	48	47	43	42	45	51	46	45	52	51	51	52	53	52	51	50	48
16	47	44	43	45	39	36	41	41	40	***	42	43	47	50	50	53	50	51	55	62	58	50	48	47	47
17	46	46	47	50	49	48	48	45	44	42	41	40	39	40	40	39	39	40	43	44	46	48	48	48	44
18	47	45	45	45	48	48	46	45	44	44	43	41	42	42	42	42	43	42	42	43	43	45	46	48	44
19	53	53	55	55	52	55	54	52	51	49	48	46	46	46	46	44	44	51	72	68	66	68	62	63	54
20	58	59	61	57	54	56	61	59	59	57	37	42	48	51	51	49	49	48	50	50	52	59	63	61	54
21	61	55	54	53	55	56	54	50	52	50	51	50	50	53	52	54	54	52	50	49	46	47	52	53	52
22	54	53	51	52	54	54	54	52	53	54	53	52	52	54	54	56	55	52	51	50	51	53	56	56	53
23	58	59	57	38	37	36	31	30	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
24	***	***	***	***	***	***	***	49	49	48	47	46	43	45	47	46	46	45	48	51	50	48	46	43	47
25	***	***	***	***	***	***	***	49	50	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
26	44	45	46	47	48	48	47	49	50	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
27	***	***	***	***	***	***	***	***	***	***	24	24	23	22	21	21	22	25	32	26	27	26	26	25	***
28	24	25	27	28	25	25	26	27	27	26	27	24	24	26	25	25	26	21	25	26	28	30	29	29	26
29	30	29	28	29	28	29	29	30	32	26	26	27	26	26	27	28	28	28	29	29	33	32	28	26	28
30	27	27	28	28	28	28	28	27	26	28	***	29	30	31	31	32	30	29	53	30	29	27	26	25	29
31	23	23	22	22	22	23	23	23	23	23	22	22	23	25	27	26	25	24	25	25	24	23	23	23	24
MEAN	46	45	45	44	44	44	44	43	45	44	42	41	41	42	42	42	42	43	45	45	47	47	46	46	44.1

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS											UNITS - 0.1 PARTS/MILLION													
	STATION - NE NO 77016 ASH ST WATER TANK SUDBURY											MONTH - JUN 75													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	25	29	28	24	22	21	21	20	20	20	19	19	21	21	20	20	19	20	21	25	27	26	24	23	22
2	20	20	19	20	21	22	24	20	18	18	18	18	17	17	17	17	17	17	17	16	17	17	16	15	17
3	17	17	18	18	19	19	19	18	17	16	15	15	16	16	17	17	17	17	16	15	15	15	14	17	17
4	14	14	15	14	15	15	15	15	15	14	13	13	13	15	14	14	15	15	14	13	13	12	11	10	14
5	10	11	11	11	11	10	11	10	10	10	10	9	8	8	8	8	9	9	9	9	10	11	12	11	10
6	12	12	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
7	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
8	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
9	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
10	26	23	22	20	19	22	23	21	19	18	18	18	19	24	26	28	26	23	21	19	19	20	22	24	22
11	30	40	27	26	25	24	21	19	***	***	32	37	38	40	41	41	40	39	39	38	37	37	35	34	34
12	34	32	32	28	26	26	27	27	25	24	23	22	22	22	24	22	21	20	19	19	18	18	18	18	24
13	17	17	16	16	16	16	16	14	***	17	17	17	17	17	17	18	17	17	17	17	17	18	19	19	17
14	19	18	17	17	17	17	16	16	16	16	16	17	17	18	19	18	18	17	17	17	16	17	20	17	17
15	24	21	18	16	16	15	15	16	16	16	16	16	15	17	16	16	16	16	14	13	13	12	12	12	16
16	12	12	12	12	12	12	12	13	13	12	***	15	15	15	17	16	14	16	14	12	14	14	14	14	14
17	14	14	14	14	14	14	14	14	14	17	21	18	16	18	19	18	18	17	17	16	17	14	14	14	16
18	14	13	13	12	12	12	13	12	12	***	***	15	***	26	26	26	28	28	26	25	24	24	24	23	19
19	25	26	27	26	25	24	24	25	26	24	25	26	26	30	30	30	34	32	31	29	31	27	28	28	27
20	27	26	26	27	26	26	25	24	***	25	25	25	28	30	32	35	42	42	38	35	38	34	32	36	31
21	38	39	36	34	33	33	25	24	24	24	25	25	26	29	29	29	26	25	26	25	24	23	22	23	25
22	22	21	21	22	21	21	21	21	21	21	21	22	25	28	28	27	25	23	22	21	18	18	17	17	22
23	17	16	16	16	15	16	16	15	15	15	***	24	25	25	25	26	26	26	25	24	24	24	23	22	21
24	24	23	23	23	23	23	24	24	24	25	24	24	27	30	30	32	35	35	34	34	31	29	30	29	27
25	28	29	28	27	27	27	25	25	24	24	24	25	30	31	34	37	35	34	30	30	30	33	43	29	29
26	40	35	32	30	29	27	27	25	27	25	24	24	25	30	30	31	34	34	30	26	25	26	25	24	29
27	26	27	30	30	27	28	26	25	***	24	24	23	25	32	31	30	29	28	26	25	24	24	23		
28	22	22	22	21	22	21	21	21	22	22	22	23	25	29	32	33	34	33	30	26	25	24	23	23	27
29	22	21	21	21	20	21	19	20	20	20	20	19	21	25	28	30	33	33	28	25	23	22	24	23	25
30	24	23	22	22	21	22	21	20	20	20	19	19	20	25	26	27	24	22	20	18	17	16	15	14	21
MEAN	22	22	22	21	21	21	20	19	19	20	20	20	20	21	24	24	25	25	25	23	22	22	22	22	21



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION													
STATION - NE NO 77016 ASH ST WATER TANK SUDBURY												MONTH - JUL 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	15	17	16	*****	*****	*****	*****	*****	*****	22	22	23	27	*****	30	30	27	26	25	23	22	22	22	23
2	22	22	21	21	21	21	22	23	23	24	25	26	26	25	25	25	26	26	25	24	26	27	26	25	24
3	25	26	26	25	25	25	25	24	25	25	27	27	27	30	28	30	32	31	30	29	29	29	31	31	28
4	30	22	22	21	21	22	22	23	23	22	*****	31	33	33	33	33	33	31	32	31	31	31	30	30	28
5	30	30	31	32	30	35	32	31	32	31	29	29	31	35	37	38	38	37	35	33	31	30	30	29	32
6	31	35	32	34	32	31	30	29	29	29	29	29	30	33	33	34	34	33	32	31	30	30	30	32	31
7	31	29	30	28	29	30	30	33	37	*****	34	32	33	34	36	36	36	35	33	33	31	31	31	30	32
8	31	29	29	29	28	29	29	29	29	31	30	32	31	32	30	32	35	35	35	34	31	31	31	30	31
9	28	28	28	28	27	28	28	28	28	28	28	28	28	29	31	29	30	30	29	28	27	27	27	27	28
10	27	27	27	27	26	27	27	27	31	29	28	28	27	28	28	28	28	27	27	27	26	26	26	26	27
11	27	27	27	28	29	28	28	29	31	*****	30	29	30	31	32	32	31	32	29	30	30	31	31	29	30
12	29	29	31	29	29	29	28	27	27	28	27	28	30	31	31	31	33	*****	33	29	30	30	30	34	30
13	36	34	36	35	33	32	31	29	28	29	29	28	30	29	30	31	31	31	29	28	28	29	28	27	30
14	29	26	26	26	27	28	28	27	28	*****	31	31	30	32	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
15	- DATA INVALID -												- DATA INVALID -												
16	- DATA INVALID -												- DATA INVALID -												
17	27	43	41	44	29	34	33	31	29	30	32	33	29	48	41	48	32	32	30	39	41	42	43	29	36
18	28	37	28	28	27	29	26	27	*****	*****	28	25	29	26	26	26	28	26	24	24	23	21	21	20	26
19	22	22	22	21	21	21	22	22	22	22	22	22	22	21	21	22	22	24	25	24	22	18	20	19	22
20	19	22	23	30	22	26	20	18	18	19	19	19	20	22	21	21	19	31	32	47	46	52	56	53	28
21	40	38	39	42	40	39	38	30	29	28	27	21	22	22	23	22	22	21	20	21	31	25	23	23	29
22	19	18	29	26	27	23	19	18	18	18	18	19	26	28	25	24	22	23	23	20	24	24	19	22	
23	18	27	28	28	39	42	26	23	24	23	24	24	28	28	35	31	32	40	36	35	42	54	34	25	31
24	24	24	24	24	24	24	24	23	25	42	46	40	35	33	33	34	36	35	34	34	31	36	33	27	31
25	24	30	34	39	40	40	39	38	41	41	41	41	39	36	40	42	41	41	41	41	*****	*****	*****	*****	38
26	- DATA INVALID -												- DATA INVALID -												
27	- DATA INVALID -												- DATA INVALID -												
28	- DATA INVALID -												- DATA INVALID -												
29	- DATA INVALID -												- DATA INVALID -												
30	- DATA INVALID -												- DATA INVALID -												
31	- DATA INVALID -												- DATA INVALID -												
MEAN	27	28	28	29	28	29	28	27	27	28	29	28	29	30	30	31	31	31	30	30	30	31	30	28	29.0

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - TOTAL HYDROCARBONS															UNITS - 0.1 PARTS/MILLION										
STATION - NE NO 77016 ASH ST WATER TANK SUDBURY															MONTH - AUG 75										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																- DATA INVALID -									
2																- DATA INVALID -									
3																- DATA INVALID -									
4																- DATA INVALID -									
5																- DATA INVALID -									
6	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	20	22	23	28	26	42	41	41	45	***
7	34	55	53	47	48	44	29	17	13	12	13	13	14	17	18	19	27	17	16	17	17	16	16	16	25
8	17	18	17	38	37	36	30	29	16	***	19	19	20	26	25	36	24	25	20	19	17	17	19	20	24
9	18	18	18	17	18	18	17	19	19	20	22	23	26	26	28	28	25	22	22	27	***	***	***	***	22
10																- DATA INVALID -									
11	***	***	***	***	***	***	***	***	***	18	22	20	20	27	30	29	26	28	56	49	59	88	85	27	*****
12	36	27	29	30	41	37	33	26	35	36	32	33	37	51	54	62	63	44	34	35	31	45	36	38	39
13	31	28	33	25	28	26	27	27	28	23	22	28	31	30	25	24	24	23	22	21	20	20	21	22	25
14	22	22	21	21	20	20	20	21	21	21	21	21	22	33	24	24	24	26	41	42	40	30	22	25	
15	18	19	28	31	27	25	26	26	21	28	25	23	26	34	38	61	44	35	39	42	46	56	71	66	36
16	93	88	72	54	75	59	33	46	31	39	35	22	27	45	57	71	42	57	45	46	43	54	40	29	50
17	31	49	58	49	36	29	35	22	31	27	23	23	23	21	21	21	22	21	21	19	19	19	20	19	28
18	19	18	18	18	21	23	19	19	19	19	19	19	19	19	21	21	21	20	20	19	19	21	28	22	20
19	22	27	25	27	19	19	19	19	19	19	18	18	19	20	20	20	20	20	19	19	48	54	60	40	25
20	19	18	17	18	20	46	23	25	21	21	21	21	21	26	30	34	48	41	42	45	34	29	34	36	29
21	43	51	50	34	29	23	22	23	22	22	21	21	23	22	21	21	20	20	19	20	20	20	20	20	25
22	19	19	19	20	20	21	21	21	***	***	28	26	29	32	35	40	38	39	34	57	62	83	78	63	37
23	27	31	44	23	55	30	32	23	22	22	26	25	28	32	40	38	30	28	34	30	28	31	24	26	30
24	28	27	24	26	28	37	40	39	36	28	34	44	34	36	30	37	38	36	26	27	33	40	46	47	34
25	37	44	25	24	31	29	26	30	28	26	24	27	37	38	31	31	21	21	21	48	42	39	33	32	31
26	41	32	20	32	23	31	29	21	22	21	20	22	22	23	22	22	22	22	21	21	20	19	19	19	24
27	19	19	19	19	19	20	19	20	20	20	20	20	20	21	22	22	22	23	23	22	21	20	19	19	20
28	19	19	19	19	21	21	19	20	20	23	36	25	22	26	40	51	35	25	47	24	42	25	32	53	28
29	63	50	41	40	29	22	22	23	23	24	23	22	23	23	23	25	25	23	25	24	24	24	30	32	28
30	30	32	31	24	28	35	28	24	24	25	24	23	24	27	35	32	33	35	39	38	33	35	42	30	30
31	31	34	23	22	25	26	22	21	21	21	21	21	22	22	22	22	22	22	22	22	23	22	23	23	23
MEAN	31	32	31	29	30	29	26	24	23	23	24	23	25	28	30	32	30	28	29	30	33	36	36	32	29 0



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION													
STATION - NE NO 77016 ASH ST WATER TANK SUDBURY													MONTH - SEP 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	28	21	21	22	26	24	22	22	23	26	28	39	33	36	33	44	33	34	38	41	37	33	35	23	30	
2	22	22	20	21	23	21	20	24	28	30	27	29	30	39	31	32	37	35	39	32	43	31	49	68	31	
3	65	66	52	47	55	37	42	32	36	48	55	65	75	73	51	70	78	74	68	69	72	70	32	59	30	
4	25	23	23	22	20	20	20	21	23	23	23	23	25	24	24	24	23	22	21	21	21	21	20	22	22	
5	20	20	22	19	20	39	27	35	28	32	26	30	34	53	54	69	62	67	53	78	77	68	29	35	42	
6	29	24	22	21	21	20	20	28	25	33	36	29	29	34	40	27	37	41	55	52	62	62	48	36	36	
7	44	56	72	67	50	39	52	31	27	42	29	24	24	23	22	21	22	22	21	29	40	31	40	46	42	
8	44	38	33	25	37	24	19	19	19	20	21	20	21	22	21	22	21	21	20	20	20	21	20	21	36	
9	21	20	20	20	21	21	21	23	22	22	22	22	21	22	23	23	25	24	27	25	35	28	24	25	23	
10	56	31	28	46	82	86	75	67	57	44	30	32	33	42	36	31	34	30	33	32	30	31	29	30	43	
11	29	31	34	30	31	31	33	39	36	38	48	49	48	33	25	30	34	38	25	23	21	20	20	21	32	
12	22	21	22	22	31	22	21	21	21	22	22	20	29	33	34	41	57	60	112	73	26	23	31	53	35	
13	31	24	23	38	45	47	26	21	20	20	20	20	21	21	23	22	20	20	20	24	40	48	21	27	27	
14	21	23	24	22	23	29	36	25	37	42	32	37	35	66	54	28	46	84	81	68	59	45	38	45	42	
15	34	36	34	30	29	30	33	37	38	34	29	39	54	62	68	50	53	43	40	45	48	46	48	59	42	
16	68	61	48	46	51	57	58	58	49	34	57	46	41	44	41	47	49	28	32	38	44	38	37	42	46	
17	35	37	35	30	24	25	24	24	27	37	32	42	32	31	68	25	29	34	46	70	84	40	42	30	38	
18	42	32	26	27	26	30	27	29	26	27	26	35	43	51	42	47	35	31	26	25	24	24	24	24	31	
19	25	24	24	26	24	25	28	29	37	62	51	38	41	43	48	47	52	43	36	37	30	26	25	26	35	
20	29	35	40	29	26	23	24	41	34	37	49	36	46	76	59	52	66	58	72	57	62	58	59	62	47	
21	58	60	51	56	53	40	34	50	48	56	59	40	62	56	40	42	29	34	24	22	23	24	23	24	42	
22	22	21	20	21	23	22	20	22	21	24	23	23	27	24	30	28	24	23	23	23	57	76	38	31	28	
23	25	26	21	20	20	20	21	21	23	23	27	22	25	27	30	43	28	26	42	58	59	54	48	44	31	
24	37	30	31	32	37	38	37	34	32	33	30	31	35	39	40	41	45	40	55	41	51	64	39	38	39	
25	30	36	39	37	33	32	29	25	23	23	24	23	23	23	26	27	25	23	23	22	22	22	22	26	26	
26	23	23	25	26	26	28	26	28	***	31	28	27	31	27	28	29	31	28	30	26	24	21	24	21	27	
27	20	19	19	19	20	20	24	29	21	20	20	21	21	21	22	22	25	45	78	54	72	149	103	96	40	
28	61	31	27	32	48	51	34	25	23	20	20	26	71	56	42	75	92	94	90	49	27	32	34	37	46	
29	37	45	44	74	59	62	56	72	48	28	25	21	20	30	26	24	24	24	24	26	25	24	30	33	37	
30	27	21	18	19	19	21	36	24	28	26	23	20	24	31	28	21	21	21	21	21	23	21	20	19	23	
MEAN	34	32	31	32	33	33	32	32	31	32	32	30	35	39	37	37	39	39	42	40	41	43	37	36	35	33

NOTES 1     00000 INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2     -     INDICATES DATA IS UNAVAILABLE  
3     00000 INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

[illegible]

NOTES 1. 0000 INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. 0000-6 INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK SUDBURY

MONTH - DEC 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
12	76	53	46	43	42	43	43	40	41	43	41	36	24	23	23	23	29	32	47	63	82	88	93	86	***
13	47	62	***	***	***	***	***	***	***	***	***	***	38	44	49	53	61	56	45	38	53	57	59	52	48
14																									
15	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
16	35	43	41	37	45	44	36	28	27	29	30	32	37	52	35	45	37	30	28	29	30	28	30	37	***
17	27	26	27	31	35	37	43	34	29	29	27	27	25	24	23	27	41	45	40	36	38	38	37	33	32
18	32	36	34	30	31	34	26	26	30	37	31	39	46	33	44	57	46	86	76	64	54	46	39	41	42
19	38	40	41	39	43	40	41	43	44	49	53	55	72	83	75	57	48	42	39	38	32	28	28	27	46
20	24	23	22	22	22	22	22	22	23	23	23	24	28	29	30	31	30	29	26	29	31	36	35	28	26
21	38	43	44	50	48	45	45	50	45	46	46	54	60	62	58	56	56	55	50	48	53	58	78	50	52
22	48	46	46	48	46	42	38	41	48	63	55	54	42	31	31	31	32	27	24	27	28	28	28	28	39
23	27	28	28	23	30	32	34	34	35	31	31	32	26	26	25	23	26	30	31	32	25	46	55	59	32
24	50	45	52	66	67	58	52	58	51	49	44	44	49	43	39	39	39	36	34	38	38	34	33	30	45
25	29	30	30	30	28	28	28	30	30	31	30	31	34	35	36	36	38	37	37	37	38	39	38	38	33
26	40	34	34	31	28	27	27	26	26	23	22	23	24	24	25	26	27	28	27	25	27	28	26	27	27
27	28	27	31	28	26	30	38	43	48	51	40	44	52	62	65	64	80	99	104	92	106	104	116	104	62
28	103	106	104	99	86	77	83	85	76	66	62	64	70	75	79	79	74	62	59	86	66	76	89	79	79
29	76	64	53	50	51	50	51	51	46	45	***	***	***	***	25	24	24	27	29	29	32	37	38	38	42
30	40	40	40	41	36	34	31	31	31	31	29	28	28	29	31	34	30	38	23	21	21	20	21	22	30
31	20	19	19	30	35	28	27	26	25	25	33	33	37	34	34	36	35	33	33	29	29	28	28	29	29
MEAN	43	43	41	41	41	39	39	39	39	39	37	39	41	42	40	41	41	43	41	41	42	44	47	44	41.3

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK SUDBURY

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	12	20.1	25	38
FEB	25	18.0	24	38
MAR	19	18.7	22	33
APR	0	43.5	****	50
MAY	27	44.1	60	72
JUN	26	21.8	34	43
JUL	22	29.0	38	56
AUG	23	29.0	50	93
SEP	30	35.3	59	149
OCT	19	27.0	73	149
NOV		DATA UNAVAILABLE		
DEC	17	41.3	79	116
YEAR	220	29.0	79	149

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK SUDBURY

MONTH	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141 - 200	201 & OVER	TOTAL
JAN	0	167	158	8	0	0	0	0	333
FEB	0	497	104	4	0	0	0	0	605
MAR	0	349	111	2	0	0	0	0	462
APR	0	0	0	13	0	0	0	0	13
MAY	0	0	104	513	44	0	0	0	661
JUN	17	240	306	65	0	0	0	0	628
JUL	0	23	323	178	0	0	0	0	524
AUG	0	89	300	163	16	1	0	0	569
SEP	0	11	363	280	59	5	1	0	719
OCT	0	151	238	75	11	8	1	0	484
NOV		DATA UNAVAILABLE							
DEC	0	2	145	225	43	12	0	0	427
YEAR	17	1529	2152	1526	173	26	2	0	5425

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
67.5	8	16.3	19.3	23.6	30.8	48.0	56.5	67.4	78.3	149	29.0



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT													UNITS - PARTS/BILLION												
	STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR													MONTH - JAN 75												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	0	0	0	1	1	0	0	0	6	12	11	17	20	19	18	17	17	12	9	8	7	9	9	8	
2	12	18	23	19	13	5	2	1	2	***	3	5	8	15	12	15	14	5	1	1	0	3	2	1	8	
3	1	3	6	4	3	6	4	1	1	3	4	5	4	3	1	1	1	0	0	0	1	0	0	0	2	
4	2	6	5	6	6	5	4	3	1	4	6	7	6	7	6	3	3	1	0	0	0	0	0	0	3	
5	0	0	0	0	0	0	0	0	0	0	0	2	2	3	2	2	3	0	0	0	0	0	0	0	1	
6	0	0	0	0	0	0	0	0	0	***	3	6	9	9	7	6	2	0	0	0	0	1	0	0	2	
7	0	1	1	3	3	4	2	0	0	2	***	5	9	11	9	4	1	0	0	0	0	0	0	0	2	
8	3	5	7	6	7	15	11	6	3	4	4	5	6	4	2	1	1	3	4	5	4	1	0	0	4	
9	0	0	0	2	8	11	9	3	3	3	4	3	2	5	7	6	2	2	3	3	4	3	3	4	4	
10	1	3	1	0	0	0	0	0	0	0	0	0	3	5	0	0	***	9	9	14	13	18	16	15	5	
11	20	19	22	23	21	20	14	15	13	14	12	13	12	13	14	15	13	11	12	10	8	10	7	6	14	
12	12	10	13	12	8	6	2	5	7	12	13	11	9	9	8	7	5	6	5	4	5	2	4	3	7	
13	3	2	1	1	1	1	0	0	2	2	1	5	3	2	3	4	4	3	1	2	2	3	0	2	2	
14	0	0	1	1	1	1	1	1	1	2	7	8	10	8	10	8	7	8	6	3	2	3	0	1	4	
15	0	0	0	0	0	1	1	1	0	1	1	1	1	2	9	11	8	4	2	3	2	4	1	0	2	
16	0	0	0	0	0	0	2	8	5	11	13	14	17	20	20	16	12	11	12	10	15	15	16	11	10	
17	6	8	15	8	0	0	0	0	0	0	***	6	6	8	11	8	3	6	7	11	13	11	11	9	6	
18	4	1	2	3	5	4	3	2	3	3	4	6	5	2	2	1	2	2	1	2	1	1	1	2	3	
19	3	9	13	3	12	17	15	15	11	15	13	10	10	11	12	18	16	17	15	18	16	13	10	5	12	
20	3	9	10	15	13	18	12	3	2	2	6	15	22	24	26	21	18	20	22	11	12	12	15	21	14	
21	21	21	16	13	15	16	14	11	9	11	11	7	6	7	10	11	8	2	1	1	0	3	2	1	9	
22	0	1	0	9	10	10	9	6	3	6	9	***	7	6	4	2	2	2	1	1	1	0	0	0	4	
23	0	0	0	1	1	1	2	2	1	2	5	10	12	11	16	9	3	1	1	1	0	1	1	0	3	
24	0	0	0	0	0	0	0	0	***	1	1	3	6	6	5	3	2	2	0	0	1	4	10	7	2	
25	1	1	3	4	5	7	4	5	4	1	4	3	2	5	9	4	2	4	1	1	3	2	4	3	3	
26	1	2	2	2	3	5	4	1	8	13	14	15	14	13	15	12	12	15	11	9	19	21	18	23	11	
27	22	23	22	22	19	10	7	1	***	4	3	8	10	13	6	5	2	2	2	1	1	0	0	0	8	
28	0	0	0	1	1	1	0	0	0	1	3	5	6	7	4	2	0	0	2	3	2	1	3	2	7	
29	0	0	0	1	0	0	0	0	***	***	3	6	7	5	8	9	6	5	8	17	20	19	17	13	7	
30	18	20	26	29	29	24	13	7	5	8	11	12	9	8	6	9	8	7	5	7	6	9	14	13	13	
31	11	12	5	0	0	1	0	0	***	6	9	14	13	10	11	6	8	8	3	7	14	17	13	6	8	
MEAN	5	6	6	6	6	6	4	3	3	5	6	7	8	9	9	8	6	6	5	5	6	6	6	5	5.9	

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION												
	STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR												MONTH - FEB 75												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	13	11	3	2	3	2	1	5	7	11	13	15	20	18	15	10	6	10	4	5	7	10	12	9
2	15	15	10	12	7	1	1	1	4	10	14	16	17	20	18	8	9	6	1	1	1	0	1	1	8
3	1	3	4	6	6	7	3	3	4	6	10	14	16	17	17	8	4	7	5	13	14	12	8	10	8
4	14	15	18	16	14	12	9	6	6	***	8	10	9	8	6	3	2	0	0	0	0	0	0	0	7
5	0	0	0	0	0	0	0	0	0	1	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	1	3	2	2	1	4	5	9	9	8	6	5	4	0	2	8	17	20	13	12	5
7	11	11	10	7	13	8	7	2	3	6	9	8	8	9	15	14	13	***	***	1	3	3	9	4	8
8	2	2	2	1	1	3	15	21	14	17	16	18	19	19	19	18	17	14	8	10	13	14	14	8	12
9	12	18	19	18	23	24	24	22	17	24	25	25	31	30	26	26	23	18	20	18	15	15	11	3	20
10	0	0	0	0	0	1	2	1	3	7	19	23	19	26	31	25	19	19	16	8	3	2	2	0	0
11	0	0	1	2	2	0	1	0	0	1	2	***	3	4	3	3	4	4	2	3	0	4	3	7	2
12	11	12	9	5	3	4	3	0	1	3	10	12	20	28	28	12	9	6	5	23	22	24	28	31	13
13	29	25	28	27	24	17	11	1	2	9	16	16	20	21	23	19	15	***	***	3	4	4	4	3	15
14	0	1	1	2	1	0	0	0	0	***	3	3	7	4	6	8	10	5	7	5	1	1	2	3	3
15	2	2	2	9	5	2	0	1	4	5	7	8	7	4	2	2	2	1	3	3	3	4	3	1	3
16	0	0	0	2	2	0	2	3	6	7	12	14	15	12	12	11	15	13	11	8	4	4	10	7	7
17	13	13	14	21	12	10	3	2	2	4	5	3	3	1	1	***	0	0	0	0	0	0	0	0	5
18	0	0	0	0	0	0	0	0	0	0	0	8	11	8	12	7	1	0	0	0	1	0	2	3	2
19	7	16	20	21	17	14	5	0	1	9	13	16	17	17	20	17	11	11	12	3	1	1	1	1	10
20	1	5	14	15	4	16	13	11	12	20	23	23	21	22	22	22	20	7	2	0	0	0	0	0	11
21	0	0	0	1	1	0	0	0	0	1	***	8	11	12	13	15	11	5	2	2	4	4	8	11	5
22	3	0	0	1	3	5	4	6	4	4	7	6	4	4	3	2	1	0	0	0	0	0	0	1	2
23	7	10	13	14	6	8	8	2	1	1	1	2	2	3	2	2	1	0	0	0	0	0	1	2	4
24	3	5	3	3	1	0	0	1	1	***	***	9	11	7	8	8	6	19	6	9	17	7	16	15	7
25	12	8	12	12	14	12	13	9	3	4	8	11	16	11	5	2	3	5	5	3	6	10	10	8	8
26	12	8	12	12	9	6	6	6	15	19	18	***	17	15	11	11	9	5	7	7	14	16	19	11	11
27	20	23	24	20	25	25	18	12	9	14	16	19	16	16	19	18	15	12	9	4	6	9	15	3	15
28	5	8	11	16	7	7	5	5	4	4	5	7	8	14	16	25	20	19	19	18	16	17	13	12	12
MEAN	7	8	9	9	7	7	6	4	4	7	10	12	12	13	13	11	9	7	6	6	6	7	6	8	0

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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT														UNITS - PARTS/BILLION											
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR														MONTH - MAR 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	19	21	19	17	15	14	14	16	18	19	17	19	21	22	20	18	18	16	13	11	18	19	17	17
2	17	18	18	22	22	22	21	17	19	20	20	20	21	15	18	19	16	15	16	17	6	9	16	13	17
3	16	23	22	20	18	14	5	7	8	10	***	22	22	22	22	19	14	11	10	9	14	18	18	17	
4	21	21	19	20	24	22	11	7	10	13	16	21	21	20	20	13	11	8	3	6	11	3	0	13	
5	0	0	0	1	2	1	1	1	1	5	19	24	26	27	29	19	11	7	10	11	15	16	7	12	
6	11	8	1	2	2	11	11	11	8	10	10	12	11	12	12	12	13	10	5	2	1	1	2	5	
7	2	5	8	10	14	11	7	6	3	1	2	3	9	9	14	18	12	11	14	11	8	5	4	8	
8	13	10	12	27	28	26	23	15	17	24	25	27	27	27	28	28	26	28	21	11	4	1	1	0	
9	5	1	0	0	0	0	0	2	5	10	19	25	27	27	25	27	26	22	18	15	13	9	8	3	
10	1	5	11	5	7	5	4	4	4	13	17	13	24	32	***	32	32	23	26	26	29	2	1	12	
11	5	14	17	25	22	11	8	5	8	27	32	40	53	52	59	56	54	49	31	26	30	35	26	21	
12	19	7	2	0	0	0	0	0	0	1	1	1	1	2	4	2	2	2	1	10	19	25	29	30	
13	42	40	35	41	40	34	22	14	15	18	21	22	26	31	29	20	13	20	11	9	16	13	22	26	
14	23	26	30	31	29	25	19	12	7	7	15	16	20	12	15	15	10	5	14	11	9	13	6	4	
15	1	0	0	0	0	0	0	1	6	14	18	21	29	37	40	35	36	39	25	11	1	1	0	15	
16	22	19	17	5	10	11	7	4	7	13	8	10	20	33	41	42	29	23	11	9	10	15	9	1	
17	0	0	2	1	4	3	0	0	3	10	36	37	39	38	34	23	24	21	18	15	22	36	52	40	
18	31	35	38	29	26	25	9	7	14	***	23	25	29	31	35	32	25	18	12	5	***	3	1	8	
19	14	8	5	10	11	12	10	2	3	1	3	8	12	15	11	13	18	12	17	22	15	16	18	11	
20	20	30	25	19	5	2	0	0	1	10	18	25	29	30	25	24	17	14	7	2	6	3	2	1	
21	1	7	12	18	21	28	18	11	9	13	10	14	***	19	19	19	16	17	13	9	13	14	15	9	
22	6	8	7	8	5	6	10	18	16	8	8	13	14	18	24	24	25	26	22	17	13	17	21	7	
23	7	4	1	1	0	0	0	1	4	10	20	17	19	24	26	26	30	22	19	19	24	26	23	28	
24	30	30	28	26	21	15	6	5	2	2	2	3	11	30	50	31	19	21	22	2	18	15	12	9	
25	16	25	20	10	4	5	7	11	6	11	11	11	9	8	9	0	0	0	0	0	0	0	0	0	
26	***	***	***	***	***	***	***	***	***	***	***	***	***	***	1	1	***	***	***	***	***	***	***	***	
27																									
28																									
29																									
30																									
31																									
MEAN	13	15	14	14	13	12	9	7	8	11	16	18	21	24	25	23	21	19	15	12	14	13	13	13	15

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POLLUTANT - OZONE-CHEMILUMINESCENT															UNITS - PARTS/BILLION														
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR															MONTH - APR 75														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN				
1	- DATA INVALID -															10	9	10	23	25	19	21	21	19					
2	21	29	34	30	32	30	20	21	23	28	30	31	35	36	35	35	29	29	26	19	17	15	9	16	28				
3	35	37	36	37	35	30	20	21	23	28	30	31	35	36	35	35	29	29	26	19	17	15	9	16	28				
4	23	27	21	22	22	24	17	21	24	25	25	27	30	31	35	31	30	33	28	12	5	3	1	1	22				
5	3	10	8	12	17	17	16	24	27	29	30	31	35	36	38	42	41	42	36	22	1	2	1	2	22				
6	5	16	25	24	23	17	10	6	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11				
7	0	1	9	18	24	12	2	4	14	23	23	27	32	32	31	32	28	21	23	17	18	19	15	14	18				
8	12	10	12	22	21	16	8	10	17	21	23	18	23	21	21	22	15	16	13	13	21	17	9	5	16				
9	8	15	21	26	21	16	8	13	9	9	10	24	29	35	38	36	34	32	34	26	15	14	12	7	21				
10	5	0	1	5	2	2	2	6	13	22	27	30	36	41	39	25	19	24	14	18	11	1	1	7	15				
11	8	11	23	26	27	24	4	14	23	30	36	37	41	44	43	42	39	37	32	25	15	6	1	2	25				
12	0	0	0	1	0	0	2	16	35	43	42	45	45	44	45	48	44	40	32	27	12	18	3	8	23				
13	8	3	8	1	0	3	2	12	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21				
14	21	15	11	2	2	7	9	5	6	15	24	29	31	36	44	40	35	41	37	36	15	13	1	0	12				
15	0	0	4	1	1	2	4	7	2	19	49	59	70	79	75	63	64	49	43	44	41	34	23	19	31				
16	18	19	16	20	31	22	13	11	4	2	3	7	4	16	11	9	8	7	14	15	19	23	18	9	13				
17	15	6	22	19	17	13	19	16	12	17	18	20	27	26	28	23	20	17	28	25	24	22	9	22	19				
18	26	20	20	18	18	18	16	18	19	21	30	32	29	23	24	29	35	34	31	23	23	29	19	6	23				
19	25	21	26	27	27	23	8	7	12	21	21	30	32	40	54	35	40	46	44	34	21	20	14	3	27				
20	16	12	11	20	11	0	1	5	8	16	21	28	40	50	56	60	65	49	37	36	24	29	28	19	27				
21	22	30	32	34	25	14	7	5	15	21	30	29	27	26	25	10	18	25	24	21	26	21	17	21					
22	16	13	3	10	14	10	2	0	2	9	9	17	14	6	7	10	10	12	18	24	24	31	35	13					
23	37	39	37	34	18	22	14	4	3	3	7	17	7	17	18	18	22	18	15	15	17	13	1	6	17				
24	0	1	1	1	1	5	12	18	24	26	27	32	32	36	37	35	32	32	28	12	14	13	9	7	18				
25	4	7	8	7	14	12	7	2	4	5	4	13	13	18	16	9	12	19	8	9	12	9	12	21	10				
26	21	23	26	29	27	14	10	14	17	18	21	25	25	26	22	34	32	40	43	28	30	34	25	32	26				
27	31	28	11	2	4	5	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11				
28	14	15	16	17	16	13	9	10	14	18	21	28	29	31	32	31	30	29	27	21	18	16	13	12	20				
29	15	16	17	18	17	16	13	9	10	14	18	21	28	29	31	32	31	30	29	27	21	18	16	13	12				
30	14	15	16	17	16	13	9	10	14	18	21	28	29	31	32	31	30	29	27	21	18	16	13	12	20				
MEAN	14	15	16	17	16	13	9	10	14	18	21	28	29	31	32	31	30	29	27	21	18	16	13	12	20				



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT										UNITS - PARTS/BILLION														
	STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR										MONTH - MAY 75														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	***	***	***	***	***	***	***	***	***	***	***	16	23	28	28	31	33	32	30	18	15	13	10	3	***
2	10	9	6	0	0	0	1	1	5	12	21	31	35	45	43	35	32	27	24	15	5	1	1	1	15
3	1	1	2	2	2	1	3	7	14	35	53	64	70	88	89	72	53	37	29	18	27	31	18	12	30
4	21	13	14	15	17	17	9	12	15	12	15	21	24	25	31	35	36	31	27	21	26	22	30	30	22
5	31	26	23	15	3	0	0	3	8	28	32	34	40	45	62	61	66	64	57	39	34	39	46	56	34
6	41	32	26	24	18	11	8	7	18	15	***	26	32	29	27	26	30	37	31	21	12	5	8	11	22
7	15	21	22	21	9	3	1	4	10	16	16	24	34	41	39	30	39	45	32	21	13	11	2	4	19
8	3	1	1	1	1	2	1	4	16	19	23	34	45	47	41	26	23	28	23	15	8	4	3	3	16
9	1	9	11	12	7	3	1	1	3	***	45	53	63	56	48	42	34	29	21	7	6	2	1	1	20
10	1	1	1	7	11	9	6	9	13	21	33	38	40	45	58	67	69	65	57	35	20	9	7	6	26
11	3	2	2	2	9	12	9	27	23	22	29	55	68	76	78	81	72	78	77	43	15	47	73	34	39
12	31	40	43	31	35	14	8	6	***	***	9	10	14	12	13	9	17	22	20	18	13	7	6	4	17
13	5	7	11	13	9	1	1	2	5	9	16	31	43	55	44	41	37	40	37	39	22	8	8	30	21
14	32	28	30	25	9	2	1	4	16	19	24	42	65	68	66	56	34	26	32	22	37	23	34	45	31
15	50	42	31	21	12	1	0	3	7	16	25	36	42	44	48	45	35	38	34	26	16	9	17	19	26
16	18	20	22	39	34	22	8	10	10	16	22	25	33	36	30	29	28	37	32	28	20	8	1	1	22
17	1	2	0	0	1	1	3	6	10	15	27	36	48	57	64	55	93	90	87	59	42	34	23	25	32
18	11	16	11	12	15	10	14	12	17	62	88	98	113	128	121	114	107	86	93	99	70	70	52	48	61
19	29	20	19	6	10	4	7	6	9	25	51	87	96	98	106	105	96	90	75	62	50	32	57	46	49
20	41	51	37	29	25	17	9	4	12	11	13	32	46	41	49	62	44	30	25	10	4	22	29	26	28
21	16	15	15	23	20	17	13	14	16	24	44	82	76	51	24	14	14	22	23	18	11	10	15	13	25
22	15	13	12	10	11	7	6	8	9	11	18	29	31	27	41	17	8	2	0	0	0	5	7	11	13
23	9	12	8	1	0	6	8	3	***	18	22	37	50	54	66	40	41	70	74	68	34	47	24	1	30
24	7	10	19	18	26	19	13	29	25	29	41	60	76	84	82	77	84	92	89	74	58	43	27	27	46
25	11	9	5	4	25	35	20	19	15	19	23	27	57	55	45	57	79	61	35	16	9	7	11	11	27
26	11	15	12	12	9	4	0	0	2	6	10	13	14	11	11	18	23	31	30	27	16	18	18	10	13
27	18	19	15	17	15	7	2	4	11	17	22	28	37	33	29	26	27	35	28	22	6	1	3	2	18
28	4	4	4	8	1	1	2	6	***	***	12	19	24	31	34	37	41	40	39	38	26	12	8	24	19
29	30	27	26	33	30	22	14	8	18	32	66	92	99	109	118	122	119	111	100	80	53	48	32	30	59
30	29	19	17	19	14	5	3	8	10	10	7	9	16	18	24	30	32	36	41	26	24	12	8	13	18
31	14	15	13	8	11	14	15	13	15	17	26	34	36	34	34	34	38	36	19	5	5	6	2	1	19
MEAN	17	17	15	14	13	9	6	8	12	20	28	39	48	51	51	49	48	48	43	32	22	20	19	18	27.2

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
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3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION												
	STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR												MONTH - JUN 75												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	8	9	11	10	11	13	18	24	29	34	40	42	47	50	47	22	16	21	9	3	5	3	20
2	0	0	0	0	0	0	0	0	1	2	2	***	12	16	8	5	11	7	9	9	12	11	0	0	5
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	29	19	13	0	0	4
4	0	0	0	0	0	0	0	13	22	34	30	***	23	25	29	26	36	37	26	24	37	37	36	36	20
5	35	33	33	19	16	16	10	1	5	5	5	7	16	25	31	28	30	38	36	21	15	24	10	15	20
6	5	7	7	7	0	0	3	5	17	20	23	23	28	30	29	25	22	22	20	17	10	12	13	15	
7	12	9	10	10	12	11	10	8	6	8	9	11	14	14	16	16	15	18	18	14	6	3	1	3	11
8	9	12	15	12	12	11	12	12	12	12	10	10	10	10	10	10	14	12	12	8	5	5	3	3	10
9	0	0	0	0	0	0	0	0	***	***	16	14	14	15	19	33	29	23	23	14	2	2	4	2	10
10	20	31	25	26	24	21	15	11	13	14	29	32	32	30	32	34	31	32	35	32	30	34	35	32	27
11	32	31	28	24	19	11	7	9	11	11	9	12	12	12	11	11	13	9	11	12	9	9	9	9	14
12	10	7	13	10	14	4	9	9	***	***	18	23	27	28	32	30	30	29	17	16	8	12	11	7	17
13	13	11	3	6	4	4	6	6	9	14	21	21	26	29	***	28	34	37	41	35	21	3	15	17	18
14	15	3	15	11	13	13	14	21	13	22	27	38	59	59	59	59	63	75	66	52	38	39	24	18	34
15	24	24	23	19	30	28	24	26	26	32	29	32	32	29	27	23	16	32	29	24	27	20	5	16	25
16	16	6	14	6	14	4	3	3	***	10	14	20	24	26	29	40	41	40	38	30	12	25	25	25	20
17	25	24	18	23	22	11	10	16	22	28	35	42	46	50	56	52	45	39	35	22	11	7	8	7	27
18	7	6	15	12	15	8	0	1	2	9	16	26	40	51	53	54	30	30	32	34	26	26	16	11	22
19	8	11	5	3	2	1	5	1	1	3	5	11	***	27	27	13	13	24	27	29	18	10	5	4	11
20	4	4	8	8	5	2	2	4	***	20	10	21	19	19	25	31	41	59	42	58	16	10	6	6	18
21	39	54	46	32	25	17	14	12	13	19	26	42	52	60	71	74	76	73	54	44	46	48	47	37	43
22	32	37	28	29	30	15	19	17	15	18	30	56	82	75	52	51	60	64	87	65	68	57	40	25	44
23	20	19	22	14	13	5	3	6	11	10	27	25	39	42	23	7	15	24	25	17	12	7	4	5	16
24	4	2	2	2	1	0	0	0	2	6	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
25																									
26																									
27																									
28																									
29																									
30																									
MEAN	14	14	14	12	12	8	7	8	11	15	18	24	29	31	31	30	31	32	32	27	20	18	14	13	19.3



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT														UNITS - PARTS/BILLION											
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR														MONTH - JUL 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10	23	24	22	21	20	8	4	5	13	25	53	59	63	73	58	52	50	48	47	26	15	17	22	20	25
	3	2	2	3	0	0	0	0	3	14	19	24	34	35	35	33	35	29	33	38	22	9	3	3	15
11	3	3	2	2	2	2	2	3	7	10	15	23	23	29	30	25	29	25	28	13	3	3	2	2	11
12	7	23	37	29	24	10	4	4	8	11	26	23	43	55	57	41	29	34	36	35	35	41	37	24	28
13	25	12	2	2	18	16	21	14	9	30	47	58	60	70	72	44	41	29	17	14	6	4	6	3	26
14	6	13	17	14	22	11	7	10	13	9	16	25	29	34	23	25	19	22	19	14	5	3	2	2	15
15	1	1	1	1	1	1	1	1	1	24	48	48	63	82	81	99	122	116	103	86	51	60	44	38	45
16	32	24	26	23	17	7	1	4	6	21	49	63	60	78	94	111	103	102	117	93	72	40	11	7	48
17	6	6	4	4	0	0	0	4	9	17	53	77	87	80	56	81	126	119	88	55	41	45	44	31	43
18	31	27	27	17	19	11	5	7	13	15	18	27	23	47	40	34	20	36	40	38	20	22	29	28	25
19	24	22	21	5	3	13	20	13	15	15	12	20	22	17	24	23	28	26	32	27	29	15	15	19	19
20	20	8	5	5	6	10	5	7	12	10	16	29	43	39	45	45	53	49	44	31	18	7	6	3	22
21	3	5	19	21	14	5	4	4	13	19	24	32	31	27	26	30	28	30	26	13	10	9	4	4	17
22	2	2	2	2	2	1	1	4	17	21	18	40	56	71	65	59	44	39	24	12	4	3	3	3	23
23	4	7	3	0	0	0	3	12	12	60	83	94	69	134	108	123	112	105	99	85	76	62	65	59	59
24	58	32	45	26	32	30	10	2	7	20	5	2	3	8	9	7	8	44	52	51	32	23	19	20	23
25	15	11	5	4	2	1	1	2	19	23	28	31	37	38	35	34	33	30	28	18	13	8	1	18	18
26	13	23	22	18	18	14	19	25	34	39	42	40	50	70	73	54	65	70	92	96	78	32	40	44	44
27	38	43	35	23	17	18	14	22	36	44	76	101	103	97	90	70	74	62	49	15	4	4	3	3	43
28	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	7	4	3	3	2	3	5	42	47	62	78	84	78	85	49	47	46	44	45	43	30	9	7	8	28
30	20	22	18	14	6	9	8	14	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	40
31	75	83	66	18	22	12	9	17	28	92	131	185	213	224	264	195	174	194	147	80	68	53	21	57	101
MEAN	18	17	17	11	11	8	7	10	16	26	39	51	57	62	65	58	61	61	57	44	31	24	20	20	33.3

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT													UNITS - PARTS/BILLION												
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR													MONTH - AUG 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	86	80	90	69	13	0	1	5	****	86	148	172	****	209	198	243	274	191	119	94	83	81	68	80	109
2	73	71	79	55	30	17	13	15	64	87	88	75	96	115	128	133	125	91	55	23	****	****	27	25	68
3	48	78	85	77	44	23	24	36	27	29	23	35	47	40	53	60	62	55	57	46	24	25	59	36	46
4	62	22	24	15	17	23	16	23	39	79	71	64	113	125	144	164	136	116	96	82	68	50	44	54	69
5	49	53	39	30	54	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
6																									
7																									
8																									
9																									
10	1	1	1	1	1	1	1	1	1	1	1	1	2	4	3	3	3	3	3	2	1	1	0	0	1
	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	1
11	1	0	0	0	0	0	0	0	****	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	2	22	27	20	18	12	5	2	****	8	8	****	****	****	****	41	37	45	68	51	34	15	18	12	15
16																									
17																									
18																									
19	14	18	25	23	21	22	17	18	****	19	24	24	30	29	25	68	43	35	38	34	17	8	1	6	13
20	0	2	4	3	2	0	0	1	8	16	25	29	36	43	39	38	35	36	31	15	19	15	15	14	18
21	18	32	28	18	13	6	****	7	26	18	13	19	4	2	5	6	6	1	0	11	3	3	7	4	11
22	16	24	28	35	40	19	7	2	10	****	8	9	16	14	14	12	16	17	10	11	17	16	10	15	15
23	0	0	13	21	17	12	4	8	6	8	15	20	34	38	70	91	110	87	85	69	46	30	32	34	35
24	43	13	14	17	11	1	4	9	18	24	35	57	38	45	43	38	28	22	24	20	26	29	27	28	26
25	25	11	9	14	16	13	10	10	11	19	37	49	63	87	68	65	70	60	26	10	5	25	3	0	29
26	0	1	2	1	1	1	0	1	4	9	5	14	39	54	57	50	46	36	0	0	0	0	0	0	15
27	0	0	0	0	0	0	0	0	3	9	20	53	54	76	79	****	****	60	51	40	22	0	0	0	21
28	0	0	0	0	0	0	0	0	1	30	56	100	120	141	132	129	134	131	129	116	129	115	98	105	75
29	88	84	73	72	54	42	18	2	****	31	36	35	36	35	51	41	38	32	33	21	14	17	31	2	39
30	3	19	28	28	22	21	21	30	23	17	29	30	48	43	45	39	46	51	41	40	37	35	39	32	32
31	42	42	43	44	42	37	36	36	26	22	22	32	36	30	46	47	49	36	43	26	2	9	1	1	31
MEAN	23	23	24	22	17	10	8	8	16	24	30	37	36	50	52	53	53	45	38	27	22	20	20	18	28.2

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH - SEP 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	9	8	6	0	0	2	3	7	9	9	15	17	25	28	29	26	26	23	21	0	0	0	0	11
2	0	0	0	0	0	0	0	0	***	***	24	37	53	52	53	21	14	15	13	11	11	8	1	2	14
3	1	1	0	0	0	0	0	6	18	25	33	36	23	9	7	23	39	49	32	27	0	0	0	0	14
4	0	2	7	6	6	5	3	4	12	23	32	40	44	45	51	48	40	32	22	3	15	2	0	2	19
5	3	2	5	5	11	8	2	4	4	***	12	14	19	35	32	27	12	12	9	22	15	4	0	0	11
6	4	15	29	27	25	17	10	15	27	29	34	36	42	42	41	43	48	45	39	7	0	0	0	0	24
7	0	0	0	0	0	0	0	3	15	37	63	72	64	90	95	73	61	78	80	57	45	42	40	27	39
8	36	11	0	0	0	1	0	3	11	16	19	20	19	26	28	27	21	19	14	9	6	2	1	1	12
9	1	1	1	2	2	***	0	3	***	16	32	30	37	46	46	37	47	54	39	7	1	6	7	2	19
10	9	24	28	42	40	19	4	4	11	34	56	66	65	77	71	79	92	102	91	66	51	44	41	32	48
11	35	39	47	44	46	32	7	8	12	12	***	22	23	8	16	24	14	5	2	0	8	19	15	11	20
12	13	16	17	20	15	6	3	***	14	18	21	24	28	27	27	25	25	16	15	11	8	4	2	1	15
13	1	0	0	0	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
14	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
15	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
16	1	34	37	39	46	25	9	10	14	10	15	10	22	44	47	43	48	44	29	26	23	16	8	0	25
17	0	0	0	0	0	0	0	1	5	37	***	87	85	85	81	78	78	80	61	39	49	53	51	65	41
18	76	72	69	51	31	11	5	7	***	19	18	15	13	16	16	11	1	1	1	1	1	1	1	1	19
19	0	0	0	0	6	3	2	4	7	11	***	10	21	41	53	62	43	47	42	30	34	10	3	2	10
20	1	6	***	6	4	7	0	0	7	9	11	21	40	35	30	23	20	5	3	3	0	0	2	0	10
21	0	0	0	0	0	0	0	0	2	8	8	15	20	18	15	20	13	8	9	2	9	8	5	0	7
22	0	2	0	0	0	0	0	0	0	2	8	14	9	***	10	7	6	3	2	0	0	0	0	0	3
23	0	0	0	0	0	0	0	0	1	5	14	21	28	30	28	20	15	10	13	6	6	4	3	7	9
24	12	16	17	16	10	2	0	3	10	16	24	28	34	39	31	27	28	22	17	15	6	12	6	17	17
25	20	13	15	15	16	8	2	1	1	1	2	2	2	2	1	0	0	0	0	0	0	0	0	0	1
26	0	0	0	2	1	0	0	0	0	0	2	***	5	3	2	2	2	1	0	0	0	0	0	0	14
27	0	0	0	0	0	0	0	3	7	12	22	34	39	40	48	43	46	37	14	0	0	0	0	0	14
28	0	0	0	4	8	9	6	7	13	30	42	56	69	80	88	90	78	75	37	10	14	10	3	2	30
29	5	3	13	4	4	0	0	3	13	40	65	96	101	108	108	101	81	83	79	83	73	55	24	9	48
30	6	4	16	17	5	0	0	2	7	13	17	32	41	48	37	49	43	32	4	4	2	2	2	2	16
MEAN	8	10	11	11	10	6	2	4	9	17	24	32	37	42	41	39	36	34	25	17	14	11	8	7	19.0

- DATA INVALID -

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH - OCT 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	18	12	18	14	10	3	3	3	4	4	2	4	4	5	6	5	4	3	0	0	0	4	12	6
2	18	16	21	18	7	2	0	3	11	20	17	25	26	22	18	13	18	17	9	1	0	0	0	0	12
3	0	0	0	2	1	0	0	4	7	12	20	26	23	27	37	***	39	32	18	15	12	12	3	0	13
4	0	0	1	1	0	0	0	2	4	11	20	23	36	52	52	52	45	8	10	16	4	2	2	0	14
5	0	0	0	2	2	2	0	4	23	41	55	59	63	58	70	57	49	61	50	37	37	20	28	23	31
6	21	17	20	3	0	0	0	9	15	30	38	36	37	36	35	29	28	15	0	0	5	6	2	16	16
7	0	0	0	0	0	0	0	1	9	***	***	29	32	30	39	34	19	11	4	5	5	6	12	11	11
8	17	12	8	5	4	4	1	2	9	14	18	17	41	41	21	10	12	25	21	15	14	21	28	31	5
9	28	20	11	21	19	15	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	7	0	0	12
10	0	0	0	0	0	0	0	0	2	4	***	17	36	39	48	44	43	19	7	2	8	0	5	11	12
11	6	3	3	1	0	0	0	0	1	4	11	16	15	13	12	11	10	4	0	0	0	0	0	0	5
12	0	0	0	0	0	0	0	0	6	12	24	36	38	37	45	35	33	19	6	7	5	5	3	1	13
13	3	1	2	5	5	19	12	17	17	20	26	42	43	56	44	54	47	20	2	2	1	0	3	1	18
14	10	8	3	6	3	1	***	2	7	12	15	21	38	72	82	53	51	48	43	13	14	7	7	14	23
15	22	8	10	13	23	5	3	4	8	10	9	21	32	30	20	17	8	13	8	11	24	27	26	19	15
16	19	10	2	4	0	0	0	0	3	10	17	22	23	22	20	21	16	4	1	0	0	0	9	15	9
17	17	18	21	22	25	20	9	17	20	14	16	17	15	17	15	8	7	7	1	1	3	5	5	13	13
18	24	21	21	27	31	29	26	17	14	18	15	17	10	8	7	17	21	11	3	1	0	0	0	0	6
19	15	16	7	13	10	11	3	2	2	2	2	3	8	7	17	21	11	8	9	12	10	11	16	21	17
20	0	0	0	0	0	0	0	0	0	***	3	10	18	25	19	26	36	23	17	10	7	22	17	17	11
21	7	7	4	5	4	2	1	3	6	14	17	34	36	48	49	50	11	2	0	0	0	0	0	0	13
22	0	0	0	0	0	0	0	0	0	***	***	35	39	39	101	101	98	69	51	64	62	37	13	24	33
23	24	21	16	21	21	5	4	5	16	28	33	***	52	94	105	102	71	24	2	1	6	10	3	2	29
24	12	20	15	10	12	0	0	0	17	30	43	61	67	81	81	73	61	46	31	32	35	55	58	44	37
25	39	42	44	51	48	16	16	3	11	14	14	12	18	26	29	25	19	11	2	0	4	11	5	4	19
26	1	1	0	0	0	0	0	1	10	19	36	39	40	40	40	38	39	14	1	3	3	2	5	3	14
27	0	3	5	0	0	0	0	0	3	19	36	32	31	32	31	26	28	6	1	0	0	0	0	0	9
28	0	0	0	0	0	0	0	1	6	3	3	***	***	7	8	1	1	0	0	0	0	0	0	0	1
29	18	19	23	24	18	11	6	2	5	7	13	18	17	9	13	12	10	11	7	7	9	9	9	1	12
30	3	3	11	15	15	4	1	4	7	19	28	30	31	31	31	23	15	8	4	0	0	4	3	0	12
31	2	1	5	5	2	2	5	9	11	***	***	21	17	18	18	18	9	6	6	9	7	6	6	3	8
MEAN	10	9	9	9	9	5	3	4	8	14	19	25	30	33	36	32	27	17	10	8	9	9	9	9	14.7

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT														UNITS - PARTS/BILLION											
STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR														MONTH - NOV 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	1	1	2	5	15	19	10	8	8	13	17	31	29	17	3	2	2	5	5	3	6	8
2	2	2	3	2	4	8	7	6	9	9	9	18	21	23	23	21	14	17	2	6	16	9	22	13	11
3	23	7	4	4	8	4	3	2	3	0	0	0	4	3	3	5	1	0	0	0	0	0	0	0	3
4	1	0	0	0	6	2	0	0	0	1	3	13	19	21	12	13	4	0	0	0	0	0	0	0	4
5	0	0	2	1	1	0	0	0	0	6	7	5	9	16	22	17	9	0	0	0	0	0	0	0	4
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
7	27	14	6	10	12	7	3	1	2	6	8	9	22	10	13	11	6	4	1	2	2	4	5	6	8
8	5	3	5	1	4	9	12	7	5	10	28	31	28	36	29	24	15	4	0	0	0	0	0	0	11
9	0	0	0	0	0	1	0	2	5	7	11	24	28	42	53	51	43	29	27	31	36	37	34	32	21
10	40	39	37	31	30	29	25	24	9	10	19	19	0	0	0	0	0	0	0	0	0	0	0	0	13
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	3	2	4	3	2	0	0	0	0	0	0	0	11	16	19	20	19	21	9	4	7	4	3	4	3
14	18	25	28	27	30	27	20	12	11	21	23	22	17	14	16	12	3	3	4	8	14	17	17	18	18
15	3	2	0	0	0	1	0	2	3	11	14	21	28	28	30	29	14	13	7	1	0	1	0	0	2
16	0	0	0	0	0	0	0	0	0	3	11	14	21	28	30	29	14	13	7	1	0	1	0	0	9
17	0	0	0	0	0	0	0	0	0	3	11	14	21	27	33	22	21	9	2	0	0	0	0	0	7
18	0	0	0	0	0	0	0	0	0	2	0	11	16	21	30	32	21	7	0	1	3	1	1	1	6
19	0	0	0	0	0	0	0	0	0	7	19	33	36	32	36	29	11	0	0	0	0	0	0	0	6
20	0	0	0	0	0	1	2	3	6	24	36	39	35	32	29	25	32	35	37	29	13	7	10	8	17
21	14	14	8	8	8	7	7	0	4	13	15	13	7	0	5	3	3	1	1	1	1	1	1	5	6
22	13	16	27	29	32	24	17	11	12	22	24	26	26	24	27	20	15	3	0	0	0	0	0	0	15
23	0	0	0	0	0	2	3	0	0	9	10	15	15	17	14	11	10	3	0	0	0	0	0	0	5
24	0	0	3	2	2	0	0	0	2	5	10	21	33	26	13	12	6	3	9	13	16	19	11	6	9
25	11	12	13	7	2	0	0	0	0	2	0	0	0	0	0	0	0	0	3	3	4	3	4	3	3
26	4	4	7	5	7	7	0	0	0	0	2	4	6	9	10	6	1	0	3	5	4	6	4	3	4
27	3	5	10	3	21	12	4	1	2	3	3	3	3	3	3	1	1	1	1	1	1	1	1	1	4
28	3	4	2	1	9	6	3	1	3	0	0	6	7	12	9	13	8	5	3	3	16	15	14	8	7
29	2	2	3	4	2	2	0	0	2	5	3	6	11	8	7	8	3	3	5	9	15	17	18	18	7
30	24	24	25	27	27	31	35	33	26	27	32	32	30	27	25	14	16	12	13	15	14	21	17	10	23
MEAN	7	6	6	6	7	6	5	4	4	8	12	16	18	18	20	17	11	6	5	5	6	6	6	5	8

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION												
	STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR												MONTH - DEC 75												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	13	14	15	15	16	13	4	5	6	7	8	10	12	13	14	12	2	3	6	1	1	0	3	9
2	1	2	3	3	1	0	0	0	0	2	3	3	3	3	3	3	3	1	1	1	5	7	17	19	4
3	18	18	17	16	15	11	6	0	1	5	12	15	19	19	17	15	6	0	0	0	0	0	2	2	9
4	1	2	5	8	8	15	6	1	1	4	8	11	12	12	12	9	0	0	0	0	0	0	0	0	5
5	0	0	0	0	1	1	0	0	2	8	10	14	21	19	0	9	7	5	6	2	5	5	10	15	6
6	17	13	11	9	17	14	16	17	17	4	7	9	14	16	16	14	14	16	15	13	12	4	16	13	
7	20	19	18	16	20	21	21	17	9	14	16	22	24	23	14	16	20	18	17	17	12	11	11	10	17
8	11	6	5	6	1	2	1	1	4	3	3	9	11	14	0	11	8	6	5	4	4	3	1	0	5
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
10	1	3	4	7	9	6	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	1	5	5	0	0	0	0	0	0	0	0	0	0	0	0	7
12	14	7	7	9	18	8	6	1	1	8	11	12	13	12	15	16	13	15	13	15	15	17	12	11	11
13	11	9	8	2	0	0	0	0	0	0	1	2	4	9	14	12	10	5	8	12	19	23	26	26	8
14	26	26	22	21	25	32	34	30	29	28	25	20	24	29	35	33	14	14	9	6	24	23	6	23	23
15	15	2	10	20	15	17	14	1	0	0	1	3	3	3	11	7	7	2	3	11	18	20	18	18	9
16	5	3	7	4	2	2	3	0	3	1	3	9	6	3	2	3	0	0	0	0	0	0	0	0	1
17	5	2	3	2	0	1	2	4	5	7	20	21	18	17	19	12	10	13	17	11	15	5	6	3	3
18	3	3	17	29	24	22	22	12	11	0	0	23	27	26	24	21	14	12	18	15	17	15	7	5	10
19	0	0	0	1	1	0	2	0	0	2	3	5	6	8	11	7	2	0	0	0	0	0	0	0	2
20	2	3	3	10	13	15	9	4	1	1	3	6	5	3	2	2	2	0	1	3	8	13	17	12	6
21	9	3	16	23	23	27	25	24	24	21	20	22	30	37	34	29	19	1	0	0	0	0	0	0	16
22	0	0	0	0	0	0	0	0	0	0	2	2	2	1	2	2	0	0	0	0	0	0	4	2	1
23	5	13	21	26	28	27	16	9	2	0	22	22	24	23	23	15	8	3	0	0	0	0	0	0	12
24	0	0	0	0	0	1	1	0	0	2	11	25	32	31	30	27	21	4	3	0	3	5	2	0	8
25	0	0	0	0	0	0	0	0	0	1	3	5	5	6	6	5	2	0	0	0	0	0	0	0	1
26	0	2	1	0	0	0	0	0	0	1	3	7	10	15	14	9	2	2	4	7	8	8	4	2	4
27	0	0	0	0	0	0	0	0	0	2	6	16	20	24	17	10	2	0	2	0	0	0	0	0	4
28	0	0	0	0	0	0	0	0	0	4	6	11	15	17	18	15	3	1	0	0	0	0	0	0	4
29	0	0	0	0	0	0	0	0	0	0	5	9	18	11	6	3	1	5	4	0	0	0	0	0	3
30	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0	1	0
31	5	12	16	15	8	6	2	6	11	12	6	8	20	16	16	12	5	3	2	1	0	0	2	6	8
MEAN	6	5	7	8	8	8	6	4	4	5	8	11	14	14	14	11	7	5	5	5	6	7	5	6	7.4



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	5.9	14	29
FEB	28	8.0	20	31
MAR	24	15.0	29	59
APR	27	20.1	31	79
MAY	30	27.2	61	128
JUN	23	19.3	44	87
JUL	23	33.3	101	264
AUG	23	28.2	109	274
SEP	27	19.0	48	108
OCT	31	14.7	37	105
NOV	30	8.8	23	68
DEC	30	7.4	23	37
YEAR	327	16.7	109	274

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH	00 TO 10	11 TO 20	21 TO 30	31 TO 50	51 TO 80	81 TO 100	101 TO 150	151 & OVER	TOTAL
JAN	568	143	22	0	0	0	0	0	733
FEB	436	180	41	3	0	0	0	0	660
MAR	223	197	123	39	6	0	0	0	588
APR	179	159	170	131	11	0	0	0	650
MAY	201	155	124	143	66	25	12	0	726
JUN	193	139	108	78	32	2	0	0	552
JUL	156	88	90	100	66	22	21	7	550
AUG	249	72	65	86	52	21	24	7	576
SEP	331	102	63	90	47	14	5	0	652
OCT	393	153	72	76	28	5	4	0	731
NOV	489	107	77	37	5	0	0	0	715
DEC	489	165	60	8	0	0	0	0	722
YEAR	3907	1660	1015	791	313	89	66	14	7855

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
89.7	0	0.0	2.8	10.1	19.4	39.0	55.3	81.7	100.3	274	16.7



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT													UNITS - PARTS/BILLION												
STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA													MONTH - JAN 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	1	1	1	1	1	3	8	21	21	22	22	24	25	28	25	22	20	30	32	31	34	16
2	32	31	33	34	34	32	24	8	5	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
3	***	***	***	***	***	***	***	***	***	***	4	5	4	***	3	3	1	1	1	1	1	1	3	6	***
4	8	8	14	11	13	17	11	6	8	11	14	17	15	17	23	12	16	9	15	17	16	17	10	5	13
5	3	2	3	6	9	1	1	2	5	9	8	8	7	8	3	5	2	4	5	2	1	2	1	4	***
6	1	1	1	0	0	1	1	1	3	8	11	7	12	14	12	11	12	5	1	1	1	1	1	2	5
7	2	3	2	2	6	10	8	5	3	4	4	7	9	8	11	9	8	1	3	6	8	4	6	5	6
8	2	0	0	0	0	5	6	3	13	15	16	17	18	11	12	15	5	6	9	12	11	13	5	3	8
9	1	1	1	1	5	9	9	10	8	13	16	16	15	13	15	8	2	1	3	2	4	9	12	4	7
10	4	8	12	10	5	7	4	5	5	8	***	***	5	5	***	***	***	***	***	***	***	***	***	***	***
11	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
12	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
13	11	12	12	11	11	11	8	5	***	6	12	17	18	15	13	16	16	12	9	21	21	23	22	22	***
14	17	20	20	20	19	19	19	13	11	16	20	24	23	24	23	16	19	20	17	14	16	15	12	11	12
15	11	15	15	16	3	1	1	1	0	***	***	7	11	12	14	18	17	15	11	14	13	13	14	20	11
16	20	14	1	0	0	2	16	9	17	22	22	22	25	24	27	24	21	25	24	23	18	12	19	16	17
17	14	15	18	23	16	12	9	4	3	8	9	12	16	18	17	11	5	1	1	1	1	6	11	16	18
18	15	8	9	10	10	13	13	10	11	11	5	7	8	3	1	1	1	1	4	8	11	11	17	19	9
19	17	22	23	22	27	27	24	26	17	25	27	27	27	29	30	31	35	36	31	31	33	30	30	33	27
20	32	33	32	30	29	27	20	14	11	24	***	26	29	30	28	26	20	17	22	17	20	15	18	15	23
21	20	11	2	***	***	***	***	***	***	***	***	***	***	***	***	***	2	0	1	1	3	7	9	10	***
22	6	19	24	26	26	29	28	23	19	17	20	23	22	24	26	25	21	7	4	5	0	0	1	2	17
23	5	5	4	2	0	0	0	0	1	0	1	2	6	11	12	6	4	2	1	1	0	0	0	0	3
24	0	3	6	7	4	2	1	0	1	1	2	2	3	5	4	7	8	5	1	1	0	5	7	1	3
25	6	3	1	10	10	12	6	13	14	15	12	7	8	2	4	17	20	14	3	4	6	4	9	14	9
26	12	14	14	14	16	16	15	13	20	24	27	26	29	26	26	27	28	30	23	28	28	29	26	22	22
27	28	27	25	28	30	24	19	16	8	***	22	28	30	26	28	30	29	23	19	14	12	6	0	0	21
28	0	0	0	0	0	0	0	2	5	10	11	19	24	28	30	26	16	9	3	0	0	1	3	8	8
29	11	11	16	12	4	0	0	0	0	0	2	6	24	17	10	13	12	11	20	29	39	31	31	34	14
30	39	34	37	35	34	33	28	23	17	14	24	25	27	26	23	24	19	19	18	18	17	20	21	15	25
31	15	14	11	12	14	21	8	5	3	11	27	29	27	30	30	26	24	22	24	24	25	26	27	24	20
MEAN	12	12	12	13	12	12	10	8	8	11	14	16	17	18	17	17	15	12	12	12	13	12	13	13	13.0

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT													UNITS - PARTS/BILLION												
STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA													MONTH - FEB 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	28	27	27	33	35	37	34	27	22	27	31	33	37	36	34	34	26	25	23	19	20	20	20	15	28
2	22	20	18	15	12	6	3	1	6	13	55	52	40	45	38	31	32	29	20	15	15	9	3	4	21
3	9	13	20	27	31	27	25	20	13	***	***	28	30	33	33	32	30	28	28	18	16	11	15	18	23
4	17	15	17	18	19	11	14	12	8	14	23	23	24	27	27	24	19	11	13	12	13	13	12	10	17
5	10	11	10	9	9	7	6	3	2	***	2	7	6	8	9	7	6	3	3	3	3	3	3	3	6
6	3	2	2	8	10	18	24	22	19	17	15	19	23	24	28	28	29	28	21	14	14	22	25	32	19
7	32	31	33	34	27	25	27	23	16	23	26	32	32	34	29	24	23	15	9	11	10	4	4	4	22
8	9	16	20	17	17	17	15	28	30	30	25	32	32	33	33	31	28	25	24	20	20	19	28	27	24
9	33	33	34	34	35	36	25	27	29	34	34	35	35	36	38	38	37	36	31	23	18	21	20	21	31
10	25	23	16	14	11	8	5	3	2	***	***	***	10	13	14	22	24	27	27	19	19	12	12	9	15
11	9	11	11	13	15	12	11	6	3	4	7	17	22	26	29	33	35	28	19	3	3	1	4	3	14
12	9	9	7	6	7	19	9	2	1	1	***	17	22	26	29	33	35	28	19	3	3	1	4	3	14
13	28	32	30	29	24	22	25	28	17	23	26	25	25	27	29	26	23	18	12	8	5	2	5	9	21
14	11	13	12	12	14	14	14	12	***	17	20	20	22	25	23	20	12	15	10	11	10	5	3	4	14
15	7	13	12	8	16	13	15	10	13	18	18	18	17	18	21	16	14	13	10	12	11	7	6	8	13
16	15	6	3	10	18	21	14	16	26	26	27	26	26	27	28	29	28	26	28	28	28	26	26	22	22
17	30	32	30	28	25	22	19	5	5	***	***	***	***	***	***	4	1	1	1	1	0	0	0	0	11
18	0	0	0	0	5	17	21	14	11	15	21	21	25	18	4	5	6	8	11	11	6	5	8	17	10
19	29	23	22	26	25	26	25	19	22	28	31	32	31	32	29	29	19	25	22	22	13	22	24	25	25
20	25	18	27	32	24	19	15	24	29	***	30	24	33	34	36	39	29	12	1	2	0	1	0	0	20
21	0	0	0	0	1	2	2	2	5	12	20	32	40	37	44	44	20	21	11	3	11	19	22	20	15
22	14	9	5	1	2	5	7	11	16	10	12	11	10	5	3	4	3	1	1	0	0	1	1	1	6
23	1	10	12	18	16	12	14	14	14	12	18	17	15	12	20	20	17	15	16	11	6	2	2	5	12
24	18	19	22	27	25	21	21	13	9	***	4	13	12	10	10	4	7	7	16	18	11	6	6	14	14
25	7	8	8	13	8	10	7	3	2	6	9	7	7	9	29	33	24	27	29	35	36	38	39	39	18
26	39	38	38	38	35	37	35	32	33	***	36	39	42	39	40	37	35	34	34	36	37	39	39	37	37
27	38	38	37	37	38	34	32	33	31	***	***	***	38	35	35	39	36	38	31	27	25	18	13	18	32
28	16	7	8	14	12	26	14	15	11	11	4	7	9	28	30	32	32	32	32	31	33	32	30	31	21
MEAN	17	17	17	19	18	19	17	15	15	17	21	24	25	26	27	26	22	21	18	16	15	14	14	15	19.0

- NOTES 1



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT														UNITS - PARTS/BILLION												
STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA														MONTH - MAR 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	35	29	29	35	29	27	24	21	26	36	34	29	26	27	28	29	31	29	24	22	24	25	18	22	27	
2	31	27	27	28	26	32	33	32	35	35	32	39	38	38	37	39	39	37	37	32	32	31	34	34	34	
3	36	34	34	33	33	26	24	21	26	32	32	***	36	34	34	33	28	26	15	8	8	10	17	25	26	
4	36	37	40	40	34	26	20	21	19	35	38	35	33	31	29	31	30	29	24	16	18	18	9	3	27	
5	12	10	9	2	1	1	1	1	6	13	25	28	30	34	35	25	15	23	26	21	25	21	16	16	17	
6	21	10	2	6	17	23	20	21	23	27	25	29	26	29	36	36	34	31	25	20	21	7	4	17	21	
7	11	7	13	17	17	19	17	15	17	15	22	26	35	38	44	50	46	44	47	43	38	36	37	37	29	
8	41	40	41	41	41	40	37	38	40	43	43	43	43	43	42	46	42	38	31	22	16	9	5	9	35	
9	19	14	11	14	11	13	7	11	21	37	42	46	47	52	54	52	50	47	32	31	29	23	14	5	28	
10	5	9	11	19	24	24	11	8	***	***	41	46	47	55	53	50	40	40	34	16	6	3	1	1	25	
11	8	15	0	0	2	3	0	2	35	62	68	74	79	69	66	80	59	68	43	49	49	60	55	51	42	
12	50	44	35	25	16	11	5	5	***	5	7	3	3	4	3	4	6	15	24	23	32	47	55	54	21	
13	58	57	51	40	48	46	31	25	31	44	43	44	42	41	38	37	31	35	34	28	25	21	29	35	38	
14	44	42	42	45	42	40	36	18	23	29	33	32	35	***	31	35	36	35	36	36	32	32	30	32	35	
15	20	11	8	5	6	10	20	20	29	37	39	37	40	47	45	43	29	19	21	19	6	2	1	5	22	
16	3	8	1	12	10	13	7	13	26	43	43	49	56	59	65	65	74	60	38	48	43	43	60	69	38	
17	74	73	76	84	82	84	65	37	***	***	***	52	66	66	46	57	55	43	8	1	31	41	51	44	54	
18	42	33	26	29	30	31	21	12	15	22	19	30	39	45	49	49	48	44	25	23	25	35	39	44	32	
19	41	30	32	29	26	27	25	12	***	20	7	13	19	21	23	22	21	24	23	32	24	38	36	31	25	
20	46	44	34	38	41	36	23	15	27	35	34	36	36	36	37	37	33	32	26	19	13	19	18	22	31	
21	32	33	36	36	31	31	28	21	***	***	20	23	20	24	26	30	34	36	35	39	36	28	25	22	29	
22	26	30	28	23	23	29	29	24	11	7	10	16	27	28	26	27	31	31	39	26	23	20	19	24	24	
23	27	21	16	16	16	16	22	25	32	35	36	39	38	40	39	37	37	35	32	30	31	26	26	23	29	
24	30	37	35	29	35	39	36	26	26	28	26	23	***	***	***	***	44	32	22	38	31	26	19	12	30	
25	6	8	7	13	23	16	15	17	21	20	22	24	25	27	24	23	25	28	30	30	28	26	27	29	21	
26	30	32	35	36	38	40	39	39	37	37	36	37	39	37	39	38	35	38	36	33	37	38	36	39	37	
27	40	35	35	34	34	35	32	26	35	***	37	38	40	41	42	42	41	40	39	32	31	27	36	34	36	
28	34	25	23	22	21	25	34	31	27	27	30	34	34	33	37	35	29	31	31	31	28	30	29	26	29	
29	26	23	19	14	3	4	4	7	10	10	27	41	45	42	44	42	43	38	36	36	32	29	32	36	27	
30	38	38	38	39	41	40	37	39	40	42	42	44	44	47	50	51	47	46	45	44	43	40	40	41	42	
31	37	37	37	31	29	31	29	32	38	29	27	19	24	26	28	29	28	28	23	13	11	12	11	5	26	
MEAN	31	29	27	27	27	27	24	20	26	30	31	34	37	38	38	39	37	36	30	28	27	27	27	27	30	1

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION													
	STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA												MONTH - APR 75													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	***	***	***	***	***	***	***	***	***	***	38	37	34	40	26	10	43	45	40	12	11	3	4	6	***	
2	12	1	29	53	53	47	41	35	29	39	35	37	41	42	41	45	43	44	49	49	48	46	41	40	39	
3	46	48	47	46	49	56	65	75	47	43	46	51	48	49	50	50	49	50	47	42	39	46	47	47	49	
4	46	44	42	47	46	43	39	40	37	41	45	45	47	47	48	47	40	41	43	37	30	35	39	42	42	
5	44	45	44	44	43	41	40	39	36	36	35	35	41	43	43	41	43	46	46	45	43	43	32	36	41	
6	37	37	35	36	36	38	38	40	41	43	46	49	51	52	53	52	53	52	50	42	45	41	43	43	44	
7	***	***	***	***	***	***	***	***	***	***	***	39	43	45	47	49	41	45	46	29	14	20	26	35	***	
8	47	44	43	40	36	41	39	39	42	43	44	45	48	48	48	46	42	47	47	44	43	40	38	35	43	
9	24	21	31	37	40	40	29	35	42	45	43	***	47	49	49	47	***	***	44	40	46	44	43	45	40	
10	47	50	49	45	50	46	42	36	***	***	***	48	50	51	50	49	47	48	41	29	34	35	39	25	43	
11	33	33	30	26	28	32	28	26	30	42	47	48	49	49	46	45	44	42	36	29	26	24	29	25	35	
12	35	31	28	22	23	26	25	35	42	45	43	44	46	46	49	49	49	48	42	36	16	18	22	20	35	
13	37	20	7	3	2	14	24	44	53	55	59	59	59	59	59	59	59	59	49	28	11	10	22	19	36	
14	11	5	4	7	15	2	8	19	46	***	***	***	48	53	55	49	36	40	38	44	38	33	29	27	29	
15	26	38	25	29	30	29	26	21	35	51	52	53	59	66	66	64	64	64	63	34	19	5	4	2	39	
16	***	***	***	***	***	***	***	***	***	***	60	51	60	61	58	48	30	27	11	2	1	1	8	18	***	
17	3	2	1	2	1	2	12	31	50	56	57	56	57	56	54	50	52	52	42	45	48	46	38	39	36	
18	***	***	***	***	***	***	***	***	***	***	6	14	12	9	13	13	8	27	30	26	23	31	24	14	***	
19	12	19	19	15	33	26	31	37	38	35	39	40	44	45	40	40	39	33	31	30	29	30	28	27	32	
20	28	25	24	23	23	22	29	34	35	35	34	35	37	36	38	38	37	35	26	24	26	17	9	24	29	
21	32	32	31	31	30	29	27	26	28	***	***	51	53	55	54	50	51	47	44	26	13	20	12	15	34	
22	23	23	24	15	12	21	27	26	25	24	25	35	43	50	53	49	40	34	36	29	37	34	32	30	31	
23	42	46	44	49	50	51	44	30	26	29	36	35	38	39	***	***	30	6	14	6	3	2	3	7	29	
24	5	12	5	24	52	48	44	32	25	27	35	36	39	44	44	39	40	42	44	41	41	39	37	31	34	
25	32	31	38	41	38	36	32	20	25	***	43	44	41	39	38	38	37	40	39	30	20	21	19	3	32	
26	2	3	11	30	28	30	33	34	34	36	37	39	41	40	43	43	42	41	38	29	19	9	1	1	28	
27	1	0	0	0	0	0	2	12	29	34	40	38	38	41	43	44	41	37	29	30	28	31	35	37	25	
28	40	37	35	31	26	19	11	***	***	***	***	15	19	21	17	9	6	11	4	8	10	12	14	30	19	
29	37	38	34	31	26	19	12	25	42	47	49	51	54	58	64	64	62	65	61	51	45	43	40	48	44	
30	45	41	38	29	27	26	23	24	29	37	43	57	72	79	82	85	90	79	74	76	69	58	45	37	53	
MEAN	29	28	28	29	31	30	30	33	36	40	41	42	45	47	47	45	43	43	40	33	29	28	27	27	35	6



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

[illegible]

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

[illegible]

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA

MONTH - JUL 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	***	***	***	***	***	***	***	***	***	***	92	96	-	DATA INVALID -	113	104	113	117	103	90	79	75	76	***	***
2	***	***	***	***	***	***	***	***	***	***	92	96	114	126	124	50	46	48	49	47	37	35	37	37	60
3	73	67	64	60	61	73	71	79	77	72	81	85	77	64	52	36	35	30	28	23	10	1	0	0	26
4	43	39	30	23	21	17	16	20	28	32	38	38	38	39	41	82	76	60	62	64	51	31	18	8	40
5	0	0	2	2	1	8	18	20	31	45	49	65	72	103	93	95	98	99	103	79	73	83	74	72	61
6	14	12	13	18	22	22	22	32	45	66	85	85	80	87	94	47	42	49	36	27	22	12	8	10	39
7	56	53	55	48	42	31	20	31	***	***	50	51	54	55	52	65	55	51	48	48	37	34	35	39	37
8	10	5	5	5	5	4	5	15	59	62	64	68	61	52	54	54	55	57	61	61	54	52	35	40	39
9	35	35	36	26	27	22	18	18	25	30	32	38	39	43	52	49	52	46	41	36	25	21	18	9	33
10	38	39	36	35	29	24	16	10	***	26	18	38	68	46	47	49	52	46	41	36	25	21	18	9	33
11	15	14	15	12	11	7	8	10	***	***	19	19	21	23	27	40	37	36	40	31	15	2	3	13	19
12	24	25	26	35	35	30	27	40	48	40	22	36	52	56	66	81	73	53	50	19	25	28	6	18	38
13	22	20	26	50	61	56	40	64	66	73	70	71	70	79	79	82	109	99	84	73	77	64	53	47	64
14	35	46	46	***	***	44	27	20	24	31	34	45	50	50	49	30	36	40	38	30	30	23	6	2	33
15	9	7	4	5	2	2	23	29	16	32	51	50	63	87	113	106	97	81	77	130	90	85	68	54	53
16	58	68	59	41	43	16	27	42	53	83	56	80	71	96	98	122	159	109	96	108	83	77	50	61	73
17	49	38	11	13	4	4	28	23	29	***	81	91	95	109	129	154	145	116	96	83	79	54	47	44	66
18	30	23	4	29	26	26	21	21	***	47	62	64	67	91	97	84	71	64	55	35	23	16	12	14	43
19	17	24	21	6	6	7	14	21	27	24	25	37	35	54	69	72	63	64	39	29	11	2	***	32	***
20	0	2	5	8	12	22	26	25	24	33	43	51	63	54	43	58	66	65	61	45	34	31	35	23	35
21	25	24	25	18	20	17	13	14	18	18	18	22	28	30	30	29	32	33	30	22	14	5	2	0	20
22	0	1	2	3	4	2	4	6	15	***	65	37	54	102	166	133	124	112	96	74	50	33	33	33	50
23	35	44	43	49	41	25	17	30	41	52	30	66	106	96	112	103	86	111	101	74	44	59	72	84	63
24	97	80	83	55	37	25	13	36	48	55	63	65	71	73	74	73	73	63	47	37	31	31	29	19	53
25	16	18	13	13	15	11	10	12	***	***	***	***	***	***	***	35	37	41	35	31	29	29	29	26	24
26	18	12	12	15	3	4	8	43	38	35	35	37	36	49	57	62	79	112	84	45	26	35	13	9	36
27	35	27	15	5	2	1	5	18	38	49	66	79	87	89	86	75	55	47	45	31	18	35	29	8	39
28	2	7	9	4	6	6	6	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
29																									
30																									
31																									
MEAN	29	28	25	23	21	19	19	27	38	45	50	57	63	70	76	74	73	69	63	54	42	37	30	30	44.4

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA

MONTH - AUG 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1													- DATA INVALID	-												
2													- DATA INVALID	-												
3													- DATA INVALID	-												
4													- DATA INVALID	-												
5													- DATA INVALID	-												
6													- DATA INVALID	-												
7													- DATA INVALID	-												
8													- DATA INVALID	-												
9													- DATA INVALID	-												
10													- DATA INVALID	-												
11													- DATA INVALID	-												
12													- DATA INVALID	-												
13	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	65	60	50	41	29	***	32	31	***	
14	29	21	15	21	24	11	8	8	17	***	26	25	27	32	28	25	25	23	15	9	4	2	2	1	17	
15	1	1	9	14	12	8	1	***	4	5	5	3	4	6	4	6	9	9	17	4	1	4	15	33	8	
16	29	34	18	6	10	8	8	11	18	31	40	42	45	41	38	32	31	40	25	10	6	7	1	1	22	
17	0	3	7	10	8	14	21	37	42	51	75	78	72	69	69	65	59	56	39	19	12	25	27	27	37	
18	29	16	14	15	10	11	7	9	14	19	21	24	30	30	30	23	24	23	21	7	3	5	6	4	16	
19	17	18	14	14	11	6	2	3	8	18	50	37	32	27	27	28	30	28	26	20	18	20	17	20	20	
20	16	10	8	10	8	9	3	16	***	23	24	25	30	30	31	27	24	21	18	15	14	17	14	14	18	
21	15	21	17	14	14	17	18	17	18	10	3	5	18	14	9	3	10	5	13	14	2	9	8	10	12	
22	15	18	22	23	23	22	22	17	17	***	14	14	***	***	***	13	15	13	14	12	***	***	***	***	17	
23													- DATA INVALID	-												
24													- DATA INVALID	-												
25	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	56	48	47	40	28	13	4	5	3	2	***
26	6	10	3	5	2	3	3	8	11	11	9	10	10	15	17	22	30	35	38	27	13	10	14	20	14	
27	15	16	11	15	15	***	***	***	19	24	27	32	30	31	33	34	29	17	9	10	6	2	2	19	41	
28	13	10	6	9	5	6	2	4	***	***	152	81	57	38	53	41	78	81	54	***	***	***	***	***	***	
29	***	***	48	38	28	8	3	0	11	18	20	22	25	12	***	***	***	***	***	***	***	***	***	***	***	
30	36	38	39	35	32	21	5	12	17	14	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
31	25	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
MEAN	18	17	17	16	14	11	8	12	16	20	36	30	32	29	33	28	34	32	26	15	11	13	14	16	20.6	

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
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3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION												
		STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA												MONTH - SEP 75												
HOUR DAY		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																										
2		***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
3		6	1	0	0	0	0	0	0	19	26	27	25	18	15	13	***	16	19	18	14	12	12	13	14	***
4		5	7	12	15	14	10	8	2	10	13	15	11	7	5	5	7	9	1	10	16	16	12	9	***	7
5		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
6		5	12	18	15	21	17	18	53	80	8	***	***	14	19	20	11	5	12	9	6	12	14	5	4	12
7		8	13	15	17	11	11	12	12	15	19	23	28	31	30	30	30	28	29	19	4	4	1	1	1	18
8		26	27	30	22	21	20	9	***	***	***	***	0	0	0	0	21	18	15	16	10	5	4	7	7	11
9		13	13	14	14	11	10	3	3	8	15	17	22	23	24	23	24	24	24	20	5	0	1	1	2	13
10		1	1	6	4	6	8	4	1	6	19	19	11	13	35	45	40	38	43	54	40	30	37	46	54	23
11		41	30	19	13	10	14	14	7	9	9	6	8	6	4	3	4	5	5	4	26	24	19	15	16	13
12		14	14	15	17	17	15	13	11	11	14	***	***	17	18	19	20	17	17	16	12	10	12	7	7	14
13		5	5	6	7	7	3	4	5	15	15	21	16	22	21	21	22	21	20	9	9	4	0	0	1	11
14		1	1	1	1	3	3	1	5	13	23	29	28	29	29	29	31	47	44	40	24	16	14	11	10	18
15		20	20	15	16	7	4	0	0	10	11	12	24	29	28	25	***	34	29	17	19	19	17	9	13	16
16		3	16	14	9	5	2	1	1	3	8	11	17	34	45	36	26	20	37	34	19	7	5	2	2	15
17		2	2	1	1	2	2	2	1	1	***	***	73	64	67	60	57	65	56	20	16	24	26	34	34	28
18		31	38	44	39	32	26	11	3	14	30	19	12	26	33	40	29	27	19	11	0	8	19	28	28	24
19		26	24	15	6	3	2	1	2	***	***	***	***	***	***	***	11	7	59	46	54	43	28	30	30	23
20		29	29	28	27	20	2	2	7	6	9	12	25	38	46	36	19	21	18	3	8	9	7	5	5	17
21		5	4	4	3	3	1	2	2	5	10	15	17	17	13	13	18	15	14	12	11	10	10	12	10	10
22		11	14	12	9	8	8	7	7	***	***	14	25	23	19	18	11	8	6	2	1	1	1	1	0	9
23		5	5	6	7	7	5	1	2	5	17	20	25	27	28	26	28	26	20	11	17	20	28	29	29	19
24		27	28	32	33	32	29	22	25	29	31	29	30	30	32	32	30	32	31	30	16	28	31	32	31	27
25		27	27	28	28	25	23	16	12	12	8	8	8	6	7	6	3	3	2	2	2	1	1	1	1	11
26		0	3	4	9	10	6	2	3	0	3	8	9	11	7	9	6	10	11	6	0	1	1	1	1	5
27		0	0	0	3	3	0	0	4	7	10	17	27	27	29	37	34	34	30	17	0	0	0	0	3	12
28		5	11	8	7	5	4	4	10	13	16	32	43	57	65	68	70	77	51	24	1	1	0	0	0	24
29		0	0	0	0	1	1	0	3	18	31	54	69	***	78	94	91	104	93	66	71	68	70	60	46	44
30		19	19	31	12	0	0	0	2	13	22	22	26	41	38	34	36	28	21	16	11	4	6	6	12	17
MEAN		12	13	14	12	10	8	6	8	14	16	19	24	25	29	30	28	28	27	20	15	14	14	13	14	17.1

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT													UNITS - PARTS/BILLION													
STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA													MONTH - OCT 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	18	10	10	6	7	4	4	4	4	4	5	5	7	6	7	8	9	8	5	1	4	9	15	16		
2	15	17	17	19	15	13	8	9	12	***	28	28	30	31	31	30	28	27	8	7	8	0	1	2	7	
3	0	0	0	0	0	1	1	3	10	14	27	29	27	31	34	31	29	12	6	5	2	1	1	2	11	
4	0	4	2	0	0	0	0	6	8	11	23	34	38	47	56	78	10	14	9	5	0	0	0	0	14	
5	0	21	18	16	9	2	14	10	16	26	38	46	41	30	41	37	41	22	21	19	3	2	4	0	20	
6	13	34	34	27	18	10	11	***	***	***	***	***	***	***	***	39	39	27	21	19	23	24	27	25	24	
7	13	11	2	2	2	1	1	5	18	62	111	97	80	62	56	15	7	3	1	7	18	13	12	18	26	
8	16	16	16	12	2	1	1	7	17	35	36	40	37	38	33	18	7	4	2	3	11	20	21	***	17	
9	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	3	2	1	1	2	5	4	***
10	2	6	8	2	3	2	1	2	7	13	18	28	***	38	35	36	26	26	29	19	14	20	12	19	16	
11	14	8	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
12																										
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17																										
18																										
19																										
20																										
21	***	***	***	***	***	***	***	***	***	14	17	30	37	62	39	20	8	6	3	7	3	2	4	9	***	
22	13	18	12	2	4	7	1	1	3	9	42	39	43	48	45	41	56	53	25	36	47	50	48	37	28	
23	46	37	24	34	36	23	13	***	***	***	28	25	40	54	53	46	72	63	60	54	57	51	40	42	43	
24	36	17	9	7	12	9	12	6	24	21	18	34	40	44	65	66	68	70	59	57	56	52	49	46	37	
25	41	40	35	34	35	10	30	26	17	16	18	15	21	24	28	29	21	15	11	4	9	16	12	7	21	
26	10	7	14	12	9	5	2	5	17	15	43	34	35	33	34	36	31	13	9	18	14	17	11	4	18	
27	3	4	7	15	11	2	2	1	2	9	25	30	25	21	***	25	31	18	18	17	18	16	11	3	14	
28	3	1	1	1	1	1	1	1	2	5	10	13	4	6	8	10	4	1	0	0	21	26	30	6	4	
29	28	26	26	25	25	24	18	11	11	23	23	23	25	25	24	27	24	27	30	28	28	31	33	31	25	
30	32	28	27	25	29	32	27	9	12	11	11	10	12	14	24	24	24	15	11	10	4	1	5	10	12	16
31	12	10	9	8	13	8	4	2	6	12	20	24	25	24	***	***	13	8	10	9	10	3	0	1	11	
MEAN	16	16	14	13	12	8	8	6	11	18	28	31	32	34	36	32	27	21	16	15	16	17	16	15	19	0



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION														
	STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA												MONTH - NOV 75														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	0	0	0	0	0	0	2	0	1	9	4	4	7	18	26	24	20	19	18	12	7	1	3	0	7		
2	0	5	9	7	9	2	0	0	0	0	0	9	16	15	11	2	0	1	1	2	0	0	0	8	4		
3	13	15	19	16	16	16	12	9	4	5	8	6	3	2	1	1	1	1	1	1	1	1	1	1	15		
4	1	9	11	10	6	9	6	5	9	***	19	26	23	32	43	46	34	13	9	2	1	5	13	10	15		
5	8	9	10	15	***	***	***	***	***	***	***	***	***	***	***	37	27	7	2	1	0	0	0	0	***		
6	0	0	0	0	0	0	0	0	0	2	6	18	28	35	41	36	6	16	20	18	26	28	29	25	14		
7	23	20	11	4	1	4	2	0	4	4	3	7	7	6	***	3	1	2	1	2	2	2	1	0	5		
8	1	3	2	0	0	0	0	0	3	11	25	32	37	41	42	35	22	8	3	3	1	0	1	0	11		
9	3	2	1	1	1	1	3	5	7	11	9	17	20	32	31	37	47	***	***	***	***	***	***	***	13		
10	- DATA INVALID -																										
11	- DATA INVALID -																										
12	- DATA INVALID -																										
13	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	19	21	23	23	28	31	34	37	39	39	41	***
14	41	40	40	42	39	38	32	29	28	32	32	29	27	24	25	25	17	7	2	1	4	3	1	1	2	23	
15	1	2	7	12	5	2	0	0	2	5	11	15	20	16	13	12	11	4	1	1	0	1	2	2	6		
16	2	0	0	1	1	1	0	1	3	10	24	14	41	35	15	11	21	17	15	9	16	10	8	5	11		
17	2	0	0	0	0	0	0	0	2	8	7	10	37	33	20	18	2	0	0	0	0	0	0	0	6		
18	0	0	0	0	0	0	0	0	1	4	7	10	14	17	21	8	4	0	0	0	0	0	0	0	4		
19	0	0	0	0	0	0	0	0	0	3	1	***	40	32	40	34	13	6	1	0	1	1	2	2	8		
20	4	1	2	0	0	2	9	13	20	32	39	37	38	24	23	17	22	25	19	23	3	14	12	16			
21	14	18	18	20	14	15	4	6	9	3	7	13	15	15	13	7	6	7	5	1	2	2	15	22	10		
22	27	27	26	31	39	37	31	18	22	26	28	24	24	22	22	23	21	19	13	7	8	7	4	3	21		
23	4	5	6	7	11	8	8	7	8	13	18	24	25	29	35	33	28	19	3	0	0	0	2	4	12		
24	2	3	8	12	13	6	4	1	2	6	15	18	21	15	15	9	5	2	5	2	2	3	1	2	7		
25	2	7	5	1	0	0	0	0	1	2	3	5	***	***	9	4	1	1	4	1	0	2	10	15	3		
26	23	20	22	23	22	19	18	14	7	10	11	10	8	4	3	2	0	1	4	4	1	0	3	7	10		
27	10	10	11	11	18	14	3	3	1	2	4	5	6	4	3	2	2	1	1	0	0	0	0	0	5		
28	0	0	2	7	10	13	14	10	8	8	9	13	16	18	20	19	18	13	9	8	6	10	20	11			
29	19	22	11	10	12	16	12	7	6	6	7	8	11	10	11	11	13	15	18	18	19	19	16	18	13		
30	22	23	20	15	15	21	16	10	15	17	27	36	25	19	10	9	24	30	31	37	30	30	32	35	23		
MEAN	9	9	9	9	9	9	7	5	6	9	13	16	21	21	20	18	14	10	9	7	7	6	8	9	11.0		

- NOTES 1. \*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION												
	STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA												MONTH - DEC 75												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	31	35	32	35	32	30	31	30	26	24	27	30	30	30	28	26	24	21	19	17	17	13	6	3	25
2	7	9	5	7	8	11	9	0	1	***	***	11	10	7	10	6	3	5	8	9	8	8	18	32	9
3	30	27	24	22	23	23	11	8	5	10	18	21	23	24	25	22	12	6	4	3	1	2	4	17	15
4	4	15	22	22	23	24	19	11	8	11	17	17	19	19	20	18	8	6	10	8	8	6	6	3	14
5	1	0	0	0	0	0	0	0	3	5	6	7	6	7	***	***	***	***	***	***	***	***	***	***	***
6													- DATA INVALID -												
7													- DATA INVALID -												
8													- DATA INVALID -												
9													- DATA INVALID -												
10													- DATA INVALID -												
11													- DATA INVALID -												
12													- DATA INVALID -												
13	15	18	19	20	12	3	1	1	2	2	3	1	1	2	3	3	3	6	0	0	0	0	6	8	5
14	1	4	6	7	1	0	0	5	2	7	5	8	9	14	5	1	6	4	0	0	2	0	2	9	4
15	2	3	14	11	6	8	2	5	7	11	15	15	15	19	19	***	21	0	0	0	0	1	6	1	11
16	28	27	27	27	25	23	15	14	13	15	15	11	12	2	0	14	17	22	19	25	23	24	27	14	
17	0	0	0	0	0	0	0	15	8	16	16	18	14	16	14	14	12	11	17	14	12	16	13	14	10
18	16	23	31	31	30	29	23	13	13	15	22	24	26	25	23	24	18	18	25	19	22	24	24	19	22
19	17	13	17	16	17	10	5	1	2	7	***	***	8	4	2	2	1	1	1	1	4	5	4	1	6
20	1	4	3	4	7	10	12	12	10	10	11	8	11	11	11	11	12	15	19	19	21	19	20	20	12
21	20	25	29	28	24	25	24	21	22	27	27	29	30	31	25	30	14	9	14	21	22	19	17	13	23
22	9	6	12	14	15	8	3	1	3	2	4	3	4	4	4	4	2	1	1	1	1	4	6	5	5
23	17	12	26	37	37	39	37	32	26	25	***	32	34	31	30	26	21	12	12	8	5	3	9	10	23
24	11	14	12	9	3	10	2	4	2	2	9	10	18	28	29	25	18	15	23	21	20	14	13	9	13
25	3	4	6	7	5	5	3	1	2	3	4	5	6	7	4	3	2	3	4	2	2	2	2	2	4
26	2	3	3	1	1	1	1	2	5	10	12	13	13	14	15	14	10	10	16	15	12	15	19	15	9
27	14	12	14	13	7	7	5	4	4	4	5	8	12	14	11	10	8	3	3	4	2	2	1	7	7
28	1	1	1	1	1	4	5	2	4	1	5	5	6	7	6	6	7	6	2	1	1	1	1	0	3
29	0	0	0	0	0	0	0	0	0	1	16	36	24	27	***	***	19	14	15	16	7	6	3	0	8
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	3	8	4	3	2	1
31	3	3	5	13	18	21	21	13	8	9	***	14	14	19	20	18	12	20	28	28	26	28	31	32	18
MEAN	10	11	13	14	12	12	10	8	7	9	12	14	15	15	14	13	10	9	11	10	10	9	11	11	1



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	25	13.0	27	39
FEB	28	19.0	37	55
MAR	31	30.1	54	84
APR	26	35.6	53	90
MAY	28	39.0	62	140
JUN	8	28.5	46	77
JUL	25	44.4	73	166
AUG	14	20.6	41	152
SEP	28	17.1	44	104
OCT	19	19.0	43	111
NOV	25	11.0	23	47
DEC	23	11.1	25	39
YEAR	280	24.3	73	166

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - SW NO 14049 156 VICTORIA ST NORTH SARNIA

MONTH	00 TO 10	11 TO 20	21 TO 30	31 TO 50	51 TO 80	81 TO 100	101 TO 150	151 & OVER	TOTAL
JAN	289	199	136	29	0	0	0	0	653
FEB	179	182	162	127	2	0	0	0	652
MAR	76	89	191	328	40	3	0	0	727
APR	57	53	110	365	73	3	0	0	661
MAY	58	84	115	269	136	28	8	0	698
JUN	28	49	47	44	29	0	0	0	197
JUL	75	70	89	152	136	47	31	3	603
AUG	101	88	69	41	16	2	0	1	318
SEP	275	181	112	65	29	3	1	0	666
OCT	185	100	79	72	25	1	1	0	463
NOV	368	125	64	55	0	0	0	0	612
DEC	304	143	89	21	0	0	0	0	557
YEAR	1995	1363	1263	1568	486	87	41	4	6807

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
77.7	0	1.4	10.3	20.4	31.2	48.5	61.3	79.4	94.0	166	24.3



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON

MONTH - JAN 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
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29																									
30																									
31																									
MEAN																									

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON

MONTH - FEB 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	6	4	6	6	7	8	7	4	8	10	12	11	11	13	11	6	2	1	1	4	5	7	2	7
2	0	0	0	0	1	0	0	0	0	2	4	5	6	6	6	6	6	5	1	0	0	0	1	1	2
3	1	2	2	3	3	1	1	1	2	3	6	7	8	8	8	8	8	5	3	2	2	2	3	0	3
4	0	4	3	1	0	****	****	****	****	****	****	****	****	****	1	0	0	0	0	0	0	0	0	0	****
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	2	3	3	2	5	5	6	5	4	5	4	4	2	4	5	2
7	8	8	8	8	8	8	8	7	4	6	8	10	11	11	9	10	7	6	4	4	4	5	6	3	7
8	7	7	9	9	9	8	5	4	8	9	10	10	7	10	11	9	8	6	5	3	4	4	5	5	7
9	6	5	5	7	8	9	9	9	10	10	10	11	12	11	10	9	12	9	6	6	6	4	4	5	8
10	8	6	5	2	2	3	3	0	0	3	4	6	10	8	6	6	6	2	3	3	6	7	4	3	4
11	9	8	8	5	5	4	1	1	1	3	5	4	2	5	6	9	8	3	0	0	0	0	0	0	4
12	0	0	0	0	1	1	1	0	0	3	4	8	7	14	13	16	8	12	8	10	10	10	10	10	6
13	10	10	10	10	10	9	9	8	5	6	7	8	8	9	9	8	7	6	6	6	6	6	5	8	8
14	5	5	5	5	5	5	4	3	3	3	4	4	6	6	4	3	1	1	1	1	3	1	0	2	3
15	3	4	4	8	12	9	12	10	6	11	9	7	9	5	5	5	6	3	3	3	3	3	1	4	6
16	1	1	3	1	0	0	0	0	2	6	9	10	13	12	10	8	6	6	6	6	7	9	8	8	6
17	7	7	7	7	10	10	6	4	9	9	13	12	14	14	10	7	****	0	0	0	0	0	0	0	6
18	0	0	0	0	0	0	0	0	0	2	2	2	10	2	2	3	3	2	1	0	0	0	0	0	1
19	1	4	5	4	5	4	3	3	3	4	6	6	7	7	6	6	4	3	4	5	7	6	4	4	5
20	9	9	9	9	5	5	7	8	8	10	12	11	15	17	17	15	12	****	****	****	****	****	****	****	10
21	****	****	****	****	****	****	****	****	****	****	****	****	15	17	16	8	3	1	0	0	0	0	0	0	****
22	1	2	3	2	0	0	0	0	0	2	5	6	3	4	2	1	0	****	****	****	****	****	****	****	2
23																									
24																									
25																									
26	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	9	9	10	10	11	13	****
27	14	14	10	12	11	13	10	8	11	12	12	13	14	13	12	8	8	7	6	4	4	4	2	3	9
28	1	1	3	4	4	2	2	3	3	5	****	3	3	3	5	3	6	4	6	5	7	7	7	5	4
MEAN	4	4	4	4	5	4	4	3	4	5	7	7	8	9	8	7	6	4	3	3	4	4	4	3	5

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT														UNITS - PARTS/BILLION													
	STATION - SW NO 15001														WESTERN FAIR GROUNDS KING/RECTORY, LONDON													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN			
1	7	8	7	5	5	4	3	6	9	10	7	8	9	7	7	4	3	2	0	2	4	3	1	2	5			
2	4	2	4	6	8	8	6	6	10	14	16	16	16	16	15	13	12	9	8	8	5	4	2	5	9			
3	6	6	5	4	3	3	1	3	5	9	9	9	9	9	9	9	7	5	1	1	1	2	3	6	5			
4	5	6	10	13	15	11	10	7	10	13	14	13	15	15	17	13	11	8	7	4	2	1	1	4	9			
5	6	6	7	5	3	3	2	5	9	10	14	13	15	18	15	8	7	4	4	11	4	4	5	6	8			
6	7	5	7	10	6	5	6	6	8	8	9	12	14	16	17	11	7	3	3	2	1	1	1	4	7			
7	9	5	7	13	13	15	9	10	12	9	5	5	6	8	16	17	11	18	18	18	16	14	10	8	11			
8	6	5	10	12	11	10	12	9	14	16	17	16	18	18	15	14	12	10	5	2	1	1	0	8	11			
9	0	0	2	3	4	5	4	5	9	14	17	22	19	23	30	31	28	21	8	3	2	2	2	1	10			
10	1	1	1	2	0	0	0	0	1	7	15	28	27	27	29	21	18	12	6	1	0	0	0	0	8			
11	0	0	0	0	0	0	0	0	0	4	15	23	26	32	26	21	14	16	11	5	10	13	24	28	11			
12	24	17	16	15	10	8	5	3	3	3	2	1	1	1	1	1	0	0	0	0	2	4	8	12	6			
13	18	19	19	21	20	18	16	10	12	16	17	16	16	18	18	18	13	9	3	1	2	3	8	14	14			
14	9	14	19	21	21	19	19	29	29	28	27	24	19	21	19	18	10	11	9	9	8	5	2	16	8			
15	1	2	1	1	0	1	1	4	11	12	14	16	16	26	26	23	10	7	2	0	1	3	1	5	9			
16	9	4	4	12	3	5	3	4	3	7	8	8	15	15	19	35	31	16	13	3	0	0	2	3	9			
17	2	7	10	13	28	20	13	18	26	36	40	40	46	46	45	46	52	42	18	2	12	24	19	12	26			
18	17	15	16	12	7	9	2	2	4	11	19	19	20	18	18	11	6	5	2	1	7	9	13	13	11			
19	14	14	11	11	12	12	8	6	6	3	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1			
20	9	12	15	17	15	13	8	5	9	14	17	15	18	27	29	23	14	10	6	0	0	0	0	0	12			
21	2	3	6	12	10	16	11	10	9	12	13	7	6	2	4	3	7	6	8	7	11	16	20	17	9			
22	17	18	18	16	18	16	16	15	11	7	2	2	7	12	18	21	19	16	14	17	17	15	13	10	14			
23	6	6	9	8	8	8	8	10	13	14	13	13	12	12	12	10	13	15	15	8	12	11	18	17	11			
24	13	5	25	29	26	24	18	15	12	12	13	17	14	12	12	12	12	12	12	12	12	12	12	12	12			
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
26	2	4	5	5	3	3	4	4	7	8	8	10	12	12	11	11	9	8	8	6	6	3	0	6	6			
27	1	1	3	3	5	8	7	8	10	15	12	14	18	22	24	24	20	17	11	5	4	11	11	10	10			
28	14	18	24	24	24	20	18	20	19	18	21	26	26	26	27	27	26	24	22	20	17	13	15	17	21			
29	19	18	15	11	6	5	0	1	3	3	3	4	6	11	14	13	9	8	6	8	8	5	5	8	8			
30	9	9	11	13	12	12	13	14	16	15	17	15	16	19	16	20	17	18	16	16	15	17	17	16	15			
31	13	7	5	5	4	9	10	10	7	13	7	3	14	7	5	4	4	7	8	9	7	13	6	2	7			
MEAN	8	8	10	11	10	10	8	8	10	12	13	14	15	17	18	16	14	11	8	6	6	7	7	8	10	5		

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POLLUTANT - OZONE-CHEMILUMINESCENT															UNITS - PARTS/BILLION											
STATION - SW NO 15001															WESTERN FAIR GROUNDS KING/RECTORY, LONDON											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	3	3	0	0	0	0	1	0	3	3	8	15	17	19	19	15	13	11	6	2	0	0	0	0	6	
2	0	4	11	13	24	25	19	12	15	13	14	15	14	11	14	10	18	15	3	8	17	19	18	19	14	
3	20	29	33	29	25	14	16	17	18	19	20	20	19	19	18	17	18	20	19	21	21	22	22	21	21	
4	20	18	18	19	20	19	19	17	16	17	17	16	18	17	20	21	17	15	13	13	15	13	14	14	17	
5	14	12	16	13	12	12	14	13	17	17	18	17	18	18	16	16	13	15	12	6	8	9	10	8	14	
6	11	13	14	15	15	16	16	19	19	21	23	23	23	22	23	22	23	22	20	19	20	18	18	17	19	
7	18	18	17	12	11	13	11	12	16	17	20	20	19	17	18	18	16	16	13	7	6	6	4	4	14	
8	5	7	9	9	9	8	7	10	15	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	
9																										
10																										
11																										
12																										
13																										
14																										
15	3	4	5	6	5	4	4	3	7	12	10	13	16	21	23	19	18	17	11	5	1	1	0	0	9	
16	0	0	0	0	0	0	1	4	12	19	32	27	26	24	26	23	23	18	9	6	2	1	0	0	11	
17	1	0	0	0	0	0	1	12	15	20	20	20	20	20	20	24	24	31	14	25	24	25	25	18	14	
18	16	9	46	15	11	9	5	4	5	6	7	14	15	16	12	10	7	6	6	7	10	11	19	19	12	
19	19	17	24	22	15	16	19	16	14	13	15	20	22	21	16	17	15	12	11	14	12	11	11	10	16	
20	11	12	12	11	11	15	17	17	15	16	15	15	17	18	19	17	11	6	5	2	4	6	9	13	12	
21	16	14	10	7	7	10	14	14	10	11	16	17	19	18	18	15	12	8	2	2	0	0	0	0	10	
22	0	0	0	0	0	0	4	9	10	11	16	17	19	19	20	20	18	10	2	0	0	0	0	2	7	
23	7	7	8	13	9	8	9	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	
25	14	19	18	18	16	17	16	16	12	13	13	14	15	13	12	10	8	8	8	5	3	3	1	1	12	
26	0	0	4	7	7	5	7	10	13	14	16	16	16	18	18	19	17	14	11	5	3	1	1	0	9	
27	0	0	0	0	0	0	0	5	10	15	14	16	19	19	19	20	18	13	8	4	1	1	4	9	9	
28	4	2	1	2	6	4	1	4	11	11	5	3	4	1	1	0	0	0	0	0	0	0	0	0	2	
29	3	4	4	4	4	2	0	1	4	5	4	5	6	3	4	6	0	0	0	0	0	0	0	0	2	
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	11	9	6	6	5	2	0	0	3	
MEAN	8	8	10	9	9	8	8	9	11	13	14	15	16	15	16	16	13	12	9	8	7	7	7	7	10	6

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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON

MONTH - MAY 75

STATION - SW NO 15001	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
HOUR DAY																										
1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	0	0	0	0	0	0	0	0	0	0	0	2	1	1	1	2	1	1	1	1	1	0	0	1	1	
4	3	2	3	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	1	1	1	1	1	0	0	0	0	0	0	0	0	0	23	35	35	25	17	19	17	18	22	27	11	
6	23	17	20	21	24	23	14	4	4	4	6	12	20	32	30	26	21	17	11	8	1	0	0	0	14	
7	0	3	1	0	0	0	0	2	9	20	26	29	30	28	26	26	28	24	13	8	4	3	0	0	12	
8	0	0	0	0	0	0	1	6	12	15	22	25	26	24	26	27	23	26	12	8	1	1	0	0	11	
9	0	0	0	0	0	0	0	8	22	27	25	28	28	29	28	26	22	22	14	8	5	3	0	0	12	
10	0	0	0	0	0	0	1	3	10	14	20	24	25	25	24	24	24	21	15	6	1	2	4	8	10	
11	7	14	13	14	17	12	13	15	20	26	38	42	43	36	33	29	35	34	25	18	11	5	4	5	21	
12	14	23	28	19	16	12	4	0	1	11	14	13	18	22	13	5	4	6	7	8	13	10	11	10	12	
13	9	7	9	10	9	6	4	7	15	20	22	24	28	30	27	27	26	25	20	8	1	0	0	0	14	
14	0	0	0	0	0	0	0	6	13	22	29	33	34	40	37	30	25	20	19	12	11	12	12	15	15	
15	11	16	28	35	27	19	12	9	11	15	22	37	48	45	43	46	40	34	30	22	15	11	6	7	25	
16	10	12	15	14	14	14	11	9	7	7	8	12	14	18	25	22	20	21	15	10	4	2	0	0	12	
17	0	0	1	2	1	2	10	23	29	30	32	32	32	32	34	39	45	37	32	27	18	18	14	15	21	
18	15	14	18	19	16	15	13	15	18	23	32	51	48	55	53	52	52	53	44	36	30	28	27	27	31	
19	21	18	13	4	3	3	4	9	17	26	36	50	72	60	83	76	64	51	42	37	42	27	28	36	34	
20	33	26	18	15	13	13	15	22	24	24	21	27	35	42	39	44	47	46	46	34	34	28	27	32	29	
21	29	23	21	14	12	6	2	6	15	17	24	34	47	49	57	52	38	28	14	27	35	30	20	11	25	
22	7	4	6	10	11	10	6	8	16	19	22	33	38	40	45	44	48	47	61	55	30	27	21	15	26	
23	8	6	6	7	12	13	13	25	33	42	39	46	40	43	42	53	51	58	49	39	12	3	13	27	28	
24	24	25	26	19	17	3	10	24	41	56	62	60	53	64	65	61	56	54	49	32	15	18	12	12	36	
25	19	16	19	20	15	17	23	25	34	46	57	72	73	71	74	68	79	75	58	41	30	29	18	15	41	
26	9	11	14	19	13	6	7	11	17	19	26	34	34	31	33	24	24	23	22	16	15	15	18	29	20	
27	32	29	29	26	24	21	16	19	22	25	29	34	34	23	23	20	21	20	17	10	3	0	0	1	18	
28	1	0	0	0	0	1	5	12	16	18	21	23	23	23	23	20	21	20	17	10	3	0	0	1	11	
29	0	0	0	0	0	0	0	2	7	14	22	29	34	36	30	32	35	34	38	35	21	18	26	24	18	
30	16	6	4	9	7	8	3	1	4	****	****	0	16	18	25	32	34	32	25	22	23	24	25	21	16	
31	19	23	23	25	23	19	21	21	24	26	30	39	37	39	36	34	36	37	36	24	21	17	22	27	27	
MEAN	10	10	10	10	9	7	7	9	14	19	23	27	30	33	32	32	31	29	24	19	13	11	11	12	17	9

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
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POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON

MONTH - JUN 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	25	22	18	25	31	31	32	38	39	41	41	39	40	39	39	39	39	41	41	32	26	34	39	37	35	
2	32	32	28	26	22	16	11	16	25	30	33	43	50	47	41	27	23	38	40	38	30	28	26	36	31	
3	41	42	40	37	31	29	25	31	44	44	51	47	****	46	38	32	45	49	45	38	34	27	24	26	38	
4	28	30	36	36	30	27	23	23	37	47	45	44	46	46	46	45	31	32	38	42	42	43	45	47	38	
5	47	46	44	45	41	40	25	29	33	34	33	32	35	39	45	44	40	45	48	38	15	12	19	40	36	
6	46	43	50	45	43	34	31	36	40	42	41	35	37	39	35	38	39	39	37	37	38	38	38	39	39	
7	39	38	40	38	38	38	37	34	31	31	29	30	31	32	31	32	34	34	34	34	31	28	26	27	28	
8	32	35	37	38	37	36	32	31	32	32	32	35	37	35	34	34	34	34	34	31	28	26	27	28	33	
9	30	32	32	32	31	28	24	25	17	24	36	36	****	****	****	27	29	30	28	27	26	18	10	16	27	
10	20	20	22	21	19	16	16	23	32	38	42	****	****	****	44	44	43	43	44	41	39	30	28	35	31	
11	40	31	27	25	22	17	14	19	31	38	40	33	30	24	23	23	26	24	23	23	24	20	18	19	26	
12	23	24	30	33	31	29	27	25	27	33	39	41	39	43	44	40	39	41	33	35	39	37	33	40	34	
13	41	36	40	41	39	36	30	24	25	****	****	14	13	23	27	26	25	26	22	10	5	1	1	1	23	
14	8	10	9	4	7	12	14	17	19	17	25	35	38	39	44	47	42	40	29	32	31	29	22	31	25	
15	29	21	16	19	20	16	13	13	20	30	37	40	42	43	45	43	33	25	15	6	6	10	12	19	24	
16	15	11	14	12	13	11	8	13	17	18	19	23	26	32	31	31	25	23	24	20	11	8	6	11	18	
17	15	13	10	10	12	8	7	14	22	28	37	47	53	59	57	44	40	39	36	31	31	34	28	22	29	
18	24	23	24	19	16	13	11	15	20	27	31	42	47	52	54	55	53	64	56	37	22	16	20	26	32	
19	24	22	23	25	23	21	8	6	17	27	28	31	29	29	28	28	26	23	17	7	3	1	3	20	20	
20	5	4	4	4	2	2	7	10	14	23	24	24	24	28	41	28	23	18	4	2	1	4	5	3	13	
21	2	5	6	8	14	17	17	18	21	23	25	26	28	28	26	22	18	14	2	1	2	2	6	14	14	
22	5	1	2	3	6	14	38	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
23	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
24	13	11	9	10	11	9	5	5	8	9	10	12	20	27	27	27	22	21	18	11	5	2	5	7	12	
25	8	6	6	5	1	1	3	7	12	16	19	28	39	36	33	34	34	27	21	14	5	1	4	10	15	
26	13	13	13	13	10	8	10	14	20	28	39	49	54	46	44	41	42	42	38	28	17	16	12	9	26	
27	8	8	5	4	2	2	3	5	11	19	23	27	24	30	34	40	41	31	26	17	7	6	1	0	16	
28	0	0	0	0	0	1	10	25	38	44	45	49	50	44	****	****	****	****	****	****	****	****	****	****	****	
29	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
30	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
MEAN	23	21	22	21	20	19	18	20	25	30	34	36	37	39	39	36	34	34	31	26	21	19	18	21	26	8

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT														UNITS - PARTS/BILLION												
STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON														MONTH - JUL 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	5	5	5	10	6	8	13	29	47	51	53	52	50	49	52	52	49	48	53	38	25	6	5	5	30	
2	5	5	5	5	5	5	15	26	49	58	54	***	***	***	***	***	***	***	***	***	36	44	43	45	***	
3	41	40	38	31	29	22	19	11	8	7	8	9	9	6	5	2	2	2	2	6	13	20	24	24	16	
4	22	23	23	22	23	21	20	10	7	3	1	1	1	1	1	1	1	1	3	11	20	23	23	25	12	
5	29	31	33	37	42	37	26	22	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	
6	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
7	44	52	36	25	26	29	30	17	10	0	0	0	0	0	1	0	12	15	10	13	29	42	58	60	***	
8	***	47	47	38	29	32	29	27	28	18	14	11	11	11	12	10	10	10	10	6	8	11	14	19	21	
9	26	31	***	***	124	133	144	166	102	29	17	47	75	59	58	62	82	56	42	44	49	26	14	***	66	
10	- DATA INVALID -																									
11	***	***	***	***	***	***	***	***	***	***	***	***	***	***	20	19	17	18	15	11	4	3	3	3	***	
12	2	2	2	2	2	3	5	9	22	23	23	26	28	31	30	35	33	32	22	10	14	21	19	22	17	
13	23	23	23	23	21	17	19	20	26	31	43	48	51	48	49	48	48	48	57	49	36	25	30	25	35	
14	21	21	24	17	12	22	19	17	22	29	27	30	36	34	24	25	29	32	25	22	16	11	2	5	22	
15	6	7	8	11	4	0	0	5	14	25	31	37	41	44	***	44	44	42	39	31	30	28	29	26	24	
16	27	23	19	20	23	19	18	24	32	41	61	53	66	53	72	61	53	50	53	48	36	33	42	30	40	
17	32	31	32	29	21	16	12	18	34	49	56	59	61	57	56	57	47	46	40	31	28	20	25	29	37	
18	28	29	19	22	14	12	10	16	18	28	32	41	48	62	72	45	52	42	37	27	18	13	24	24	31	
19	16	19	21	22	25	21	17	17	21	18	19	29	38	43	45	50	43	48	42	34	16	13	13	8	27	
20	4	8	4	5	12	7	6	10	14	12	16	18	20	33	42	27	31	34	31	20	9	5	15	19	17	
21	17	16	15	11	9	8	7	11	16	***	13	9	14	12	13	13	18	16	13	8	5	0	0	0	11	
22	0	0	0	0	0	0	0	0	12	21	23	29	27	***	28	29	28	40	26	22	19	23	31	35	17	
23	30	24	21	19	13	9	8	17	24	37	37	***	26	32	35	41	42	38	34	32	31	28	28	31	28	
24	40	39	31	31	32	24	22	23	25	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
25	- DATA INVALID -																									
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
30	23	21	5	2	1	0	0	2	14	26	35	***	30	30	27	24	24	25	23	10	3	4	1	0	9	
31	17	19	19	6	10	6	0	15	61	38	87	114	110	104	99	96	90	90	84	77	104	71	53	44	59	
MEAN	18	19	17	15	18	17	16	19	24	25	28	32	35	35	35	31	32	32	30	25	23	19	20	21	24	1

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT															UNITS - PARTS/BILLION											
STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON															MONTH - AUG 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	14	0	4	2	6	21	101	142	142	136	139	122	119	124	****	139	122	101	88	92	68	76	85	80	
2	98	89	73	55	4	5	14	86	112	116	131	130	126	108	96	94	83	81	72	60	64	58	56	62	78	
3	58	63	53	44	33	33	38	49	57	58	62	51	57	51	45	60	62	65	73	68	49	47	36	47	52	
4	38	33	34	31	29	38	41	30	25	35	40	38	44	42	46	49	47	45	48	42	23	3	2	12	34	
5	32	39	31	28	10	7	6	12	22	20	21	17	26	28	29	***	22	17	17	15	21	17	17	17	20	
6	17	16	15	15	15	10	8	13	15	17	17	24	28	29	27	26	26	25	18	11	6	1	1	2	16	
7	5	2	7	5	2	0	5	16	25	28	32	35	38	37	33	***	35	32	27	14	9	5	4	7	18	
8	2	1	0	0	0	0	0	1	16	30	37	46	49	53	55	57	67	53	40	22	12	7	5	17	24	
9	17	33	****	****	****	****	****	****	****	****	****	91	94	90	97	115	123	133	121	98	65	74	63	53	****	
10	47	45	46	40	31	24	26	37	66	88	99	96	93	93	83	81	84	81	76	59	48	47	61	62	63	
11	64	59	61	49	26	21	11	23	41	56	69	66	****	****	****	40	47	53	53	46	35	32	39	23	44	
12	8	0	1	8	3	0	0	14	28	35	42	43	54	49	38	42	62	77	72	69	59	53	48	63	36	
13	56	60	52	46	22	7	4	15	49	29	26	50	51	56	61	66	70	66	54	46	41	40	47	24	43	
14	23	23	20	17	18	7	4	12	22	23	23	26	28	28	27	23	20	17	15	9	0	***	***	***	18	
15	0	0	0	1	2	2	0	3	8	7	4	0	0	0	5	11	18	20	9	6	3	0	0	9	5	
16	7	11	8	7	4	0	7	28	40	52	54	55	58	61	59	58	47	34	17	5	0	0	0	0	28	
17	0	0	0	0	0	0	0	14	56	63	84	86	84	87	96	97	90	86	79	70	53	47	39	26	48	
18	22	18	17	15	7	3	6	12	***	26	26	26	29	16	20	21	26	26	22	3	3	2	10	8	16	
19	8	10	2	2	6	2	3	3	12	16	15	24	36	35	31	29	29	22	13	12	7	8	7	7	14	
20	5	6	7	5	3	2	7	13	15	27	34	37	37	36	33	35	37	30	18	14	6	8	4	4	18	
21	7	2	2	2	5	10	18	20	9	15	12	22	28	33	35	37	34	36	34	29	25	22	11	19	19	
22	8	7	19	20	37	32	29	26	28	24	28	30	32	35	36	36	37	36	27	18	8	8	7	10	24	
23	10	13	14	11	11	9	8	10	13	12	19	21	21	24	17	17	16	14	12	8	10	11	8	11	13	
24	11	14	41	39	40	51	48	46	44	40	27	28	24	31	39	41	39	39	45	57	54	48	35	24	38	
25	23	24	8	4	4	16	7	5	10	20	23	17	11	43	46	40	52	49	47	36	20	14	18	23	23	
26	15	10	14	36	16	11	3	11	26	25	28	25	21	26	36	37	38	38	18	2	2	15	13	8	20	
27	10	12	17	18	15	3	4	16	26	29	31	31	30	***	28	29	32	32	19	2	0	0	0	0	17	
28	0	0	0	0	0	0	0	0	0	***	***	53	78	77	73	85	93	110	101	86	72	57	57	53	58	48
29	49	40	36	28	28	6	2	2	6	9	21	26	35	30	23	20	16	4	0	14	11	14	12	1	18	
30	0	1	7	18	34	29	29	30	31	34	35	32	37	35	33	31	34	34	36	36	30	31	28	28	23	
31	29	29	29	28	28	28	28	25	22	23	21	21	23	20	20	21	22	24	25	22	20	19	17	18	23	
MEAN	22	22	20	19	15	12	12	22	35	38	42	45	46	47	47	47	51	48	42	35	27	25	24	24	31	



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON

MONTH - SEP 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	15	15	15	15	16	17	15	16	26	27	31	29	25	17	17	9	12	10	9	10	11	10	10	16
2	21	23	22	20	9	0	0	0	9	29	32	32	28	24	18	15	15	14	9	9	9	7	3	2	15
3	1	2	2	***	***	***	0	5	11	17	17	16	13	14	11	14	16	15	5	3	2	7	15	24	10
4	18	14	21	16	16	9	5	13	17	17	19	20	20	20	19	20	21	17	3	1	1	1	1	1	13
5	1	1	1	1	1	1	1	1	10	19	20	16	10	7	7	6	4	4	5	2	4	4	3	3	6
6	1	0	4	11	13	17	17	16	19	20	21	22	24	23	24	24	26	17	4	0	0	0	0	0	13
7	3	4	4	7	7	6	7	9	14	18	32	49	53	50	48	43	35	48	51	46	40	34	13	22	27
8	31	48	42	33	22	9	7	12	***	17	19	22	19	22	22	19	17	17	13	7	8	12	10	12	19
9	12	13	11	12	7	0	2	10	16	18	20	22	23	23	20	20	17	16	6	1	1	1	1	1	11
10	0	0	0	0	0	0	0	1	8	13	22	29	32	27	40	51	57	57	32	18	25	30	43	45	22
11	25	16	12	13	7	4	4	13	23	28	25	21	23	20	17	14	13	9	9	10	22	16	25	23	16
12	22	21	19	16	14	10	4	7	14	15	15	18	18	21	18	18	16	15	8	7	9	5	1	4	13
13	0	1	6	8	7	5	4	8	11	12	19	22	18	18	19	18	19	19	12	3	0	0	0	7	10
14	3	0	0	0	0	0	2	9	18	24	25	23	24	31	32	28	25	18	4	1	0	0	0	0	11
15	0	0	0	0	0	0	0	4	21	21	22	26	38	26	25	22	25	12	1	1	1	1	1	1	10
16	0	1	1	1	4	1	1	2	5	3	***	23	***	***	38	38	37	15	0	3	9	9	7	0	9
17	0	0	0	0	0	0	1	2	14	52	72	89	84	76	72	70	60	26	5	2	2	24	52	54	32
18	46	38	31	28	18	12	9	15	26	33	44	42	40	43	40	38	27	21	24	24	14	9	9	9	27
19	21	16	10	13	14	4	3	12	21	30	28	28	38	37	***	45	52	42	44	36	35	24	14	10	25
20	17	22	21	19	23	19	15	14	12	12	17	21	23	26	27	24	18	11	12	18	17	10	5	2	17
21	2	2	3	4	5	4	5	7	9	11	12	11	12	15	19	16	12	8	6	7	8	5	7	7	8
22	3	4	5	3	2	0	0	2	5	9	13	11	***	***	15	7	8	7	2	1	1	1	3	3	5
23	1	1	1	1	1	0	2	16	28	28	28	30	32	30	35	32	22	8	5	8	4	2	7	17	13
24	17	19	20	22	18	7	3	6	12	14	19	21	25	25	25	23	23	17	10	3	5	5	3	7	15
25	10	14	13	12	11	7	5	7	9	11	12	***	***	8	5	4	2	1	1	0	0	***	***	***	7
26	0	0	0	0	0	0	0	0	0	0	3	4	7	***	4	4	3	4	4	5	6	5	1	1	2
27	2	4	6	5	5	1	1	3	14	16	17	20	28	30	30	28	23	15	0	0	0	0	0	0	10
28	0	0	0	0	0	0	0	0	7	25	44	47	50	51	58	55	48	34	9	0	0	0	0	0	18
29	0	0	0	0	0	0	0	0	21	56	68	85	90	88	88	88	89	48	2	12	37	40	51	56	38
30	61	42	32	22	32	12	4	10	23	38	39	43	51	***	57	54	52	34	7	1	2	2	16	37	29
MEAN	11	11	10	10	9	5	4	7	13	21	26	28	31	30	29	29	26	20	10	8	9	9	10	12	15.7

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON

MONTH - OCT 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	36	21	3	2	10	30	7	11	9	9	6	7	5	5	5	5	3	2	1	1	8	14	20	12	10
2	16	19	19	15	13	2	1	7	16	23	23	23	25	25	24	22	23	17	10	1	0	0	0	0	14
3	4	13	7	2	1	1	2	11	20	22	26	29	***	37	34	36	37	24	14	16	7	5	12	5	16
4	1	3	4	1	2	1	2	6	12	19	32	38	47	58	51	35	32	21	11	6	3	1	0	0	16
5	0	0	0	0	0	0	3	17	41	51	40	43	42	41	44	41	33	28	22	8	13	18	28	37	23
6	41	42	38	32	31	16	2	12	26	29	32	34	***	38	34	31	30	17	8	7	0	0	0	0	9
7	0	0	0	0	0	0	0	2	9	15	23	31	28	29	36	23	19	8	0	0	0	0	0	0	7
8	0	0	0	0	0	0	0	1	4	11	19	31	35	35	31	31	27	18	18	24	24	20	26	28	16
9	35	32	29	27	21	15	12	13	15	15	13	13	11	9	10	5	6	2	0	0	0	0	0	0	12
10	1	7	7	1	6	6	1	2	6	6	6	22	28	32	35	33	15	8	9	21	20	16	18	7	13
11	2	13	16	14	12	6	3	4	7	8	3	9	12	15	14	13	9	3	1	4	5	3	4	6	8
12	6	14	16	14	12	15	10	13	22	31	33	35	36	35	36	31	23	9	2	0	0	0	0	0	16
13	0	0	4	19	1	0	1	5	11	13	20	29	32	32	34	23	20	12	10	26	27	17	13	12	15
14	12	10	5	3	2	0	0	0	***	15	32	45	53	67	80	70	65	32	20	26	38	40	37	10	29
15	33	30	27	25	10	4	1	12	17	25	19	19	28	26	26	14	14	16	10	0	0	0	0	0	10
16	20	21	20	17	13	7	2	5	7	15	14	15	18	18	14	14	16	10	0	0	0	0	0	0	7
17	0	0	2	4	4	0	0	***	14	16	15	14	15	15	14	10	9	5	3	1	1	7	9	14	7
18	15	15	16	20	21	26	23	23	20	18	14	12	9	7	7	10	8	13	22	22	19	19	16	18	16
19	17	14	13	13	13	10	10	8	7	6	4	4	4	5	13	10	8	6	4	2	2	1	1	6	7
20	2	4	3	4	1	0	0	0	1	5	8	9	16	13	9	4	4	0	4	14	26	19	21	30	8
21	33	34	35	33	30	19	6	***	***	20	23	28	29	31	40	18	3	1	1	1	1	6	11	5	19
22	13	8	6	2	0	0	0	0	0	6	18	29	26	34	40	32	20	5	1	3	11	13	11	11	12
23	3	2	1	1	1	5	0	2	16	36	43	49	51	76	64	54	0	0	0	2	2	0	0	5	17
24	21	28	7	0	0	0	0	0	6	18	28	37	46	51	62	51	38	26	18	43	45	40	41	38	27
25	43	51	40	34	34	35	31	26	21	18	10	10	11	13	16	20	14	4	3	3	2	2	2	3	19
26	4	7	7	10	2	6	3	3	7	17	34	37	38	42	41	41	26	10	2	0	0	0	0	0	14
27	0	0	0	0	0	0	0	0	0	14	16	24	23	26	24	21	4	1	1	1	1	1	1	1	7
28	0	0	0	0	0	0	0	0	9	12	20	24	27	14	9	4	4	1	0	0	0	0	9	23	7
29	23	21	20	22	22	19	13	12	20	19	21	22	22	24	22	18	14	16	16	22	20	21	23	19	20
30	21	24	20	25	22	9	9	18	29	31	31	32	31	31	29	20	6	0	0	0	0	0	0	0	16
31	0	0	0	0	0	0	0	3	11	17	22	24	22	22	14	5	1	1	1	1	1	1	0	4	6
MEAN	13	14	12	11	9	7	5	7	13	18	21	25	27	29	29	24	17	10	7	8	9	9	11	10	14.5

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT															UNITS - PARTS/BILLION											
STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON															MONTH - NOV 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	4	7	19	23	23	23	21	17	12	8	10	9	8	7	5	3	5	2	2	7	5	3	2	1	9	
2	1	2	2	4	6	2	2	2	5	9	15	28	37	38	28	17	16	11	11	7	3	8	20	18	12	
3	20	20	14	12	9	11	4	0	***	5	11	11	10	1	2	0	0	0	0	0	5	4	6	8	7	
4	5	6	5	3	3	10	8	9	19	28	28	31	33	33	42	33	1	4	2	2	0	0	0	0	13	
5	0	0	5	15	17	4	0	3	13	27	35	33	35	36	27	12	3	1	0	0	0	0	0	0	11	
6	0	0	0	0	0	0	0	0	0	4	19	35	39	42	25	12	2	0	1	1	17	3	3	19	9	
7	21	9	20	19	5	1	1	1	1	11	16	12	13	17	12	11	6	4	2	4	7	7	10	12	9	
8	15	16	14	12	12	10	9	11	11	15	17	30	38	42	30	17	4	0	0	0	0	0	0	0	13	
9	0	0	0	0	3	7	13	12	8	7	7	20	30	32	31	18	15	21	32	32	15	13	9	19	14	
10	23	23	23	29	30	24	16	13	****	****	20	18	19	19	28	28	21	22	22	16	25	23	19	20	22	
11	19	15	16	9	7	5	3	1	5	13	19	22	29	23	25	13	5	2	1	0	0	0	2	4	10	
12	6	16	14	9	5	3	1	1	1	2	5	8	10	14	15	14	8	2	5	5	11	8	9	4	7	
13	3	3	3	4	3	1	1	0	0	3	8	14	11	11	10	15	14	22	26	26	29	30	31	35	13	
14	36	39	39	40	37	36	31	26	30	34	35	32	36	32	29	27	18	18	27	20	10	12	13	6	28	
15	4	5	2	2	2	2	2	2	4	9	9	12	15	23	24	25	16	13	14	11	12	9	6	3	9	
16	2	2	2	2	2	2	1	1	3	8	19	21	26	26	25	22	14	7	4	2	2	2	2	2	8	
17	1	0	0	2	3	2	0	0	0	6	16	24	38	40	****	****	6	2	4	5	11	10	7	5	8	
18	8	8	5	2	1	1	1	1	1	3	13	14	26	25	25	16	4	1	1	4	4	5	8	7	7	
19	6	4	3	2	2	0	0	0	0	6	21	23	35	48	56	30	12	3	5	1	0	0	3	2	11	
20	0	0	0	0	0	0	0	0	0	9	13	28	34	31	28	20	17	19	17	21	35	27	22	15	15	
21	23	22	16	15	20	16	8	8	5	10	9	10	12	8	8	6	2	2	2	1	1	1	1	1	9	
22	21	22	27	25	34	36	37	28	28	21	21	22	21	24	23	18	12	5	4	0	2	3	5	4	18	
23	4	2	1	2	2	2	2	4	11	16	24	28	34	34	33	36	27	5	1	0	0	0	0	0	11	
24	0	0	0	0	0	0	0	0	0	2	15	17	15	15	15	8	1	1	3	0	0	0	0	0	3	
25	0	0	0	0	0	1	2	4	8	20	18	15	14	14	15	11	9	5	5	2	0	0	0	0	6	
26	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
27	2	0	7	13	13	14	17	14	4	3	2	1	1	9	7	4	1	0	0	0	0	0	0	0	4	
28	0	0	0	0	0	0	0	0	1	1	2	6	7	****	3	1	0	0	0	0	1	0	0	0	1	
29	0	0	1	2	3	13	15	11	11	6	6	8	14	12	10	8	2	0	2	3	5	8	11	13	7	
30	8	13	16	19	20	19	22	20	22	25	26	23	23	26	25	22	23	30	29	23	26	28	28	27	23	
MEAN	8	8	9	9	9	8	7	7	8	11	16	19	22	24	21	15	9	7	7	6	8	7	7	8	10	8

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT															UNITS - PARTS/BILLION										
STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON															MONTH - DEC 75										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	8	5	2	1	0	0	1	0	0	****
2	1	3	7	8	8	6	1	0	0	1	4	3	9	10	10	6	1	0	0	7	9	9	7	10	5
3	23	28	31	30	29	27	25	16	9	16	21	25	28	25	24	25	15	11	11	11	2	0	0	4	18
4	2	13	19	17	14	13	7	8	10	15	17	21	21	20	12	10	8	7	4	3	1	0	0	11	
5	0	0	0	0	0	0	0	0	3	12	14	16	17	17	11	7	5	3	1	11	17	16	20	23	
6	22	16	17	17	17	23	29	31	27	23	19	18	19	19	19	17	16	14	15	14	18	17	17	15	
7	14	11	11	15	16	14	15	11	18	21	24	25	23	22	22	14	9	3	4	13	16	17	17	18	
8	17	14	10	10	8	5	2	0	1	****	****	18	14	14	10	5	0	0	0	0	0	0	0	0	
9	0	0	0	0	1	1	0	0	3	4	5	4	3	1	0	0	0	0	0	0	0	0	0	0	
10	1	2	19	21	18	28	22	14	20	21	23	22	24	21	15	6	2	2	7	9	8	4	4	5	
11	4	5	5	5	7	4	2	2	2	14	****	22	24	24	16	14	4	4	8	9	21	20	13	2	
12	1	1	3	8	7	8	8	6	8	12	17	27	28	18	14	3	3	2	1	2	3	2	1	10	
13	14	23	21	16	16	12	10	5	2	3	3	1	1	2	2	1	0	0	0	0	0	1	1	3	
14	5	5	11	14	17	20	22	19	21	19	17	26	25	26	22	14	6	13	16	25	24	20	19	18	
15	20	28	31	28	25	25	14	4	3	9	12	12	15	18	****	15	10	13	13	8	12	16	18	18	
16	25	25	27	27	22	21	19	5	3	4	8	12	13	11	9	2	1	0	0	0	0	1	2	3	
17	6	8	7	8	7	6	1	1	0	9	14	17	16	16	13	14	9	9	10	15	15	14	14	10	
18	16	14	24	33	34	34	25	19	21	27	27	26	22	23	26	19	15	15	17	19	19	20	20	21	
19	21	17	16	15	15	14	9	5	4	7	10	8	10	9	7	3	****	13	0	0	0	0	0	0	
20	0	0	6	8	4	2	1	2	4	6	7	9	10	13	14	11	10	13	13	14	15	17	18	18	
21	22	19	20	16	17	15	18	15	20	24	26	****	****	****	****	****	****	****	****	****	****	****	****	****	
22	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
23	3	14	19	22	22	24	20	16	10	17	24	30	34	31	30	25	16	3	10	12	9	0	0	1	
24	16	10	9	5	1	1	1	1	2	5	9	11	26	28	27	22	13	6	4	3	3	5	6	7	
25	12	15	17	22	23	20	18	14	14	16	19	20	18	14	16	16	10	5	7	8	7	9	9	10	
26	12	12	13	15	15	16	17	18	22	27	30	28	30	35	16	14	10	9	10	9	8	12	8	6	
27	7	8	9	12	15	15	12	9	15	22	25	23	25	21	15	5	5	5	6	6	3	4	4	12	
28	4	2	3	4	3	4	2	4	9	15	21	27	30	25	23	12	7	3	2	2	3	5	6	9	
29	14	9	10	21	15	9	2	2	4	5	6	20	23	****	11	4	0	0	****	****	****	****	****	****	
30	0	0	0	0	0	0	0	1	1	3	4	5	6	6	5	3	2	2	1	1	1	9	11	3	
31	16	17	19	20	21	18	12	8	6	13	21	22	21	25	27	21	16	17	15	16	14	17	21	21	
MEAN	10	11	13	14	14	13	11	8	9	13	15	17	19	18	16	11	7	6	6	8	8	8	8	8	11

- NOTES 1. \*\*\*\* INDICATES INVALID



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	2	2.8	3	9
FEB	22	5.0	10	17
MAR	28	10.5	26	52
APR	23	10.6	21	46
MAY	31	17.9	41	83
JUN	25	26.8	39	64
JUL	25	24.1	66	166
AUG	30	31.9	80	142
SEP	30	15.7	38	90
OCT	31	14.5	29	80
NOV	29	10.8	28	56
DEC	28	11.3	22	35
YEAR	304	16.4	80	166

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY, LONDON

MONTH	00 TO 10	11 TO 20	21 TO 30	31 TO 50	51 TO 80	81 TO 100	101 TO 150	151 & OVER	TOTAL
JAN	54	0	0	0	0	0	0	0	54
FEB	491	50	0	0	0	0	0	0	541
MAR	390	242	54	12	1	0	0	0	699
APR	262	252	40	4	0	0	0	0	558
MAY	286	152	159	102	36	1	0	0	736
JUN	106	101	154	265	17	0	0	0	643
JUL	200	103	124	123	46	9	8	1	614
AUG	180	118	127	149	90	35	23	0	722
SEP	329	173	104	64	26	8	0	0	704
OCT	356	165	105	96	16	0	0	0	738
NOV	410	144	97	49	1	0	0	0	701
DEC	352	220	113	9	0	0	0	0	694
YEAR	3416	1720	1077	873	233	53	31	1	7404

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
84.5	0	0.0	4.4	11.6	20.4	37.2	47.3	62.5	83.8	166	16.4



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT													UNITS - PARTS/BILLION													
STATION - WC NO 16001 SIMCOE HORTICULTURAL STATION													MONTH - JAN 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	2	1	0	0	0	0	0	2	5	5	12	19	21	28	30	30	28	35	37	40	42	40	39	39	19	
2	41	41	39	40	39	38	37	37	31	31	32	30	32	29	28	22	12	6	13	10	9	8	13	17	26	
3	17	26	22	22	26	18	6	5	4	8	***	15	15	16	15	13	11	15	17	14	12	13	13	15	15	
4	18	18	17	15	15	17	17	17	18	18	19	20	21	19	22	22	22	22	21	19	18	16	15	17	18	
5	17	7	4	5	11	12	10	1	3	11	16	22	25	19	16	14	10	7	9	14	15	17	20	18	13	
6	15	13	12	12	11	13	14	15	18	21	23	21	21	20	19	22	21	21	20	32	24	19	17	19	18	
7	18	18	20	20	19	18	16	14	16	18	24	30	29	25	20	6	0	0	4	2	10	13	10	10	15	
8	16	15	13	10	9	7	8	13	22	18	12	11	7	8	7	2	2	9	11	13	18	22	23	18	12	
9	20	19	15	9	4	7	8	13	23	21	22	25	25	27	29	24	14	7	14	15	16	19	23	22	18	
10	18	15	17	20	19	15	13	14	11	9	9	9	10	13	15	12	11	11	12	15	18	20	20	19	14	
11	17	19	20	20	17	19	20	19	23	26	25	23	25	27	23	23	21	21	22	26	28	31	33	35	23	
12	31	30	30	31	31	29	33	31	30	31	30	27	29	28	28	27	28	27	25	25	25	21	15	13	27	
13	16	6	3	8	8	10	6	11	18	21	23	23	***	***	24	22	22	20	15	8	5	8	8	9	13	
14	11	16	15	14	16	18	12	11	20	26	31	27	26	28	30	29	22	18	21	20	19	18	14	16	20	
15	24	15	14	12	11	13	23	***	***	***	***	***	25	24	20	11	9	9	23	26	28	28	33	35	20	
16	27	19	27	29	24	7	8	8	28	36	36	36	37	36	35	34	34	35	36	40	42	41	37	37	30	
17	37	36	34	35	35	32	25	17	21	30	33	40	38	35	29	30	29	25	20	18	22	25	10	***	29	
18	10	2	3	7	9	10	13	16	21	20	22	24	22	17	16	14	14	16	17	18	17	18	17	18	15	
19	21	21	23	23	22	21	19	29	35	30	27	25	25	24	22	26	30	31	34	33	33	35	33	32	27	
20													- DATA INVALID -													
21													- DATA INVALID -													
22													- DATA INVALID -													
23													- DATA INVALID -													
24													- DATA INVALID -													
25													- DATA INVALID -													
26													- DATA INVALID -													
27	***	***	***	***	***	***	***	***	***	***	***	***	34	34	30	29	25	25	24	19	15	12	15	12	***	***
28	9	8	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
29	***	***	***	***	***	***	***	***	***	***	***	***	22	21	31	21	12	16	21	38	46	46	44	46	***	***
30	47	48	46	44	43	45	48	47	46	46	46	44	43	42	41	39	37	35	33	28	26	25	25	24	40	
31	19	10	9	12	9	6	4	4	4	9	16	19	26	29	32	33	32	29	25	23	29	18	13	10	18	
MEAN	21	18	18	18	18	17	16	16	20	22	24	25	25	25	24	22	19	19	21	22	22	22	21	22	20.8	

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT													UNITS - PARTS/BILLION												
STATION - WC NO 16001 SIMCOE HORTICULTURAL STATION													MONTH - FEB 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	10	8	3	4	13	16	22	23	20	31	35	38	40	38	36	34	32	28	24	28	28	25	24	24
2	27	26	12	5	8	11	12	14	19	29	33	34	39	39	36	36	36	35	33	28	26	22	18	22	25
3	29	24	28	28	23	24	29	30	36	39	39	40	40	***	39	36	33	29	27	31	28	27	15	12	30
4	9	5	5	9	34	36	33	34	32	30	32	35	33	33	31	29	28	18	15	15	14	21	32	29	25
5	27	23	20	18	17	11	9	4	8	13	13	***	21	23	21	11	11	18	22	25	22	13	0	0	15
6	0	0	0	0	0	0	0	2	8	11	15	19	24	30	33	34	38	39	38	37	31	25	17	7	17
7	22	21	36	42	42	43	44	44	42	43	44	48	49	51	50	45	44	18	24	37	43	45	36	32	39
8	29	35	36	34	33	30	31	33	40	46	47	47	47	48	50	49	46	43	42	44	42	39	40	39	40
9	39	38	38	38	37	37	42	44	43	42	43	44	44	44	43	40	39	33	38	39	36	36	36	36	40
10	32	31	31	27	20	27	30	41	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
11														- DATA INVALID -											
12														- DATA INVALID -											
13														- DATA INVALID -											
14														- DATA INVALID -											
15														- DATA INVALID -											
16														- DATA INVALID -											
17	***	***	***	***	***	***	***	***	***	***	***	***	39	37	34	28	22	17	8	6	17	13	8	6	***
18	4	3	2	2	1	0	0	3	7	12	18	25	27	34	36	38	38	39	36	35	31	31	28	29	20
19	30	27	25	25	34	30	30	30	36	42	46	50	46	48	50	48	48	47	45	45	41	43	51	50	40
20	45	46	52	49	48	40	17	12	24	40	53	55	54	52	52	50	48	48	49	46	45	45	42	31	43
21	22	12	6	8	10	13	13	15	25	33	33	40	50	54	53	52	53	45	26	8	7	4	7	9	25
22	8	13	16	19	21	17	11	19	28	28	29	32	36	40	44	41	40	39	35	31	20	15	14	11	25
23	9	23	28	31	32	32	31	24	9	11	15	14	13	15	15	9	23	27	29	29	32	35	35	35	23
24	34	35	38	40	43	41	38	32	27	24	22	22	23	***	14	7	16	19	19	25	28	36	36	35	28
25	37	39	37	38	40	38	38	32	35	36	32	37	38	36	42	51	48	44	46	45	46	50	53	51	41
26	51	51	49	52	56	55	51	49	47	47	49	56	59	59	59	56	50	50	45	46	43	51	49	49	51
27	49	49	49	48	46	52	54	53	53	56	51	55	56	55	54	56	53	45	40	44	42	37	35	35	49
28	39	39	38	47	28	24	27	33	34	29	***	22	23	25	27	34	44	48	47	46	45	47	43	43	36
MEAN	26	26	26	27	27	27	26	27	29	32	34	38	38	40	39	37	37	35	33	33	32	31	30	28	31



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION													
STATION - WC NO 16001 SIMCOE HORTICULTURAL STATION												MONTH - MAR 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	40	34	38	38	42	45	41	38	41	43	45	46	47	48	48	45	42	42	38	19	24	35	32	28	39
2	32	34	30	38	39	39	40	42	42	42	44	45	45	46	45	46	45	44	44	43	42	41	40	41	41
3	41	38	38	42	41	36	34	36	40	42	42	***	***	***	***	***	***	***	***	***	***	***	***	***	***
4													- DATA	INVALID	-										
5													- DATA	INVALID	-										
6													- DATA	INVALID	-										
7													- DATA	INVALID	-										
8													- DATA	INVALID	-										
9													- DATA	INVALID	-										
10													- DATA	INVALID	-										
11													- DATA	INVALID	-										
12													- DATA	INVALID	-										
13													- DATA	INVALID	-										
14													- DATA	INVALID	-										
15													- DATA	INVALID	-										
16													- DATA	INVALID	-										
17													- DATA	INVALID	-										
18													- DATA	INVALID	-										
19													- DATA	INVALID	-										
20													- DATA	INVALID	-										
21													- DATA	INVALID	-										
22													- DATA	INVALID	-										
23													- DATA	INVALID	-										
24	***	***	***	***	***	***	***	***	***	***	***	***	35	35	33	32	31	28	25	23	22	22	20	19	*****
25	10	13	14	18	14	23	32	30	31	34	35	35	33	34	30	28	28	27	26	28	28	29	34	35	27
26	35	35	37	36	36	36	36	37	39	39	40	40	43	44	45	46	46	46	45	43	42	42	37	36	40
27	36	36	35	34	34	41	44	41	39	40	40	48	53	53	51	46	45	40	27	27	34	37	39	25	39
28	6	16	21	26	21	14	19	39	49	49	49	50	51	53	52	51	51	52	52	50	49	49	46	40	40
29	36	32	27	23	21	32	37	32	20	19	27	28	29	34	41	50	60	61	59	57	56	50	51	54	39
30	51	45	46	51	50	48	50	50	51	51	52	53	54	55	54	55	54	60	60	60	58	58	58	59	53
31	58	57	54	52	46	40	40	44	49	52	50	52	53	53	53	48	46	45	45	44	41	37	23	22	46
MEAN	35	34	34	36	34	35	37	39	40	41	42	44	44	46	45	45	45	45	42	39	40	40	38	36	39.8

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION														
STATION - WC NO 16001 SIMCOE HORTICULTURAL STATION												MONTH - APR 75														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	33	30	25	22	22	19	21	26	35	37	38	38	16	27	43	52	51	49	48	47	47	47	42	36	35	
2	36	40	37	42	50	46	44	53	52	55	54	52	50	50	51	56	55	57	58	59	56	51	52	55	50	
3	53	53	52	52	52	50	49	47	44	49	48	47	48	48	49	48	48	52	54	55	53	54	55	55	51	
4	54	53	52	52	51	50	48	46	46	45	45	45	46	46	45	45	46	47	48	48	49	49	49	48		
5	48	46	44	43	43	43	43	42	42	42	43	45	46	48	48	44	46	50	49	45	45	44	45	45	45	
6	44	43	42	40	41	41	41	41	42	44	45	46	47	49	50	50	52	55	57	55	51	51	50	48	47	
7	48	47	48	47	46	44	40	40	40	42	44	48	51	53	55	57	52	49	46	45	44	43	43	43	46	
8	***	***	***	***	***	***	***	***	***	***	***	***	50	55	55	55	55	56	55	53	50	46	47	46	***	
9	41	41	38	37	38	37	40	46	48	49	50	52	55	57	60	61	62	62	62	59	55	54	51	46	50	
10	39	45	42	39	39	36	32	29	34	38	38	41	48	52	53	51	57	61	61	57	53	48	50	47	45	
11	45	43	42	41	41	35	35	42	47	54	57	57	59	65	***	55	57	58	58	53	51	49	47	47	49	
12	45	44	45	42	40	35	31	37	44	51	53	54	56	56	56	57	57	57	54	52	47	43	41	42	47	
13	- DATA INVALID -													53	45	45	52	54	52	46	42	39	40	45	***	***
14	***	***	***	***	***	***	***	***	***	***	***	***	***	53	45	45	52	54	52	46	42	39	40	45	***	
15	41	36	25	20	27	19	26	22	20	43	54	54	53	54	58	63	65	60	65	62	35	28	44	51	43	
16	54	52	47	39	37	29	25	41	63	66	71	***	76	79	77	80	76	73	73	69	56	57	53	46	58	
17	49	43	37	33	33	34	31	39	49	66	71	71	64	64	56	63	67	61	48	46	45	40	41	50	50	
18	43	45	47	54	58	58	53	48	44	44	42	39	40	43	49	45	37	38	39	34	31	35	39	48	44	
19	50	48	47	50	49	49	40	35	35	43	42	35	42	51	52	52	52	50	49	47	43	39	41	39	45	
20	38	35	34	32	31	30	29	29	37	39	40	41	42	42	41	42	42	42	41	39	35	38	38	39	37	
21	39	41	43	43	41	38	37	41	43	45	47	***	50	49	49	51	52	51	49	48	45	37	38	23	43	
22	31	32	22	11	27	19	8	22	43	45	49	46	50	50	51	50	51	52	42	27	38	34	45	40	37	
23	51	55	53	52	50	43	37	32	36	41	47	48	49	56	64	65	50	50	56	56	54	48	43	40	49	
24	40	37	36	36	36	33	25	22	25	39	47	52	50	49	51	55	54	53	51	48	52	54	59	43	42	
25	62	62	57	52	52	49	47	46	50	52	57	51	54	54	42	39	35	35	35	31	10	7	7	23	42	
26	30	32	37	38	37	37	37	38	42	45	50	52	55	55	55	55	54	52	50	47	45	45	40	33	44	
27	31	32	33	31	28	19	24	28	41	51	53	54	55	56	57	49	46	45	36	27	27	25	37	35	38	
28	30	19	16	29	36	38	38	37	35	39	48	37	37	41	44	40	36	35	27	37	36	26	27	22	34	
29	24	21	26	28	25	23	20	24	31	38	44	48	52	57	56	57	63	63	55	48	43	40	19	8	38	
30	12	21	23	22	19	18	14	21	32	38	36	58	64	65	73	80	76	76	71	65	57	45	38	36	44	
MEAN	41	41	39	38	39	36	34	36	41	45	48	48	50	53	53	54	53	53	51	49	45	42	42	41	44.8	

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
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3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION													
STATION - WC NO 16001												MONTH - MAY 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	37	37	38	36	37	36	27	24	32	37	35	33	35	34	38	42	26	39	55	40	45	47	49	45	38
2	44	43	41	35	36	36	32	36	45	48	50	55	53	59	56	64	64	60	46	43	46	42	42	44	47
3	29	30	40	40	39	37	33	35	38	48	57	57	62	64	63	60	61	58	45	56	49	35	39	41	43
4	29	19	39	47	44	25	39	46	39	39	41	44	45	46	46	48	49	50	50	52	51	51	53	47	
5	52	51	54	54	53	52	48	37	30	32	34	29	29	25	26	31	28	35	32	31	34	35	29	27	37
6	34	30	30	28	23	16	12	13	19	24	28	25	31	37	44	44	44	46	45	39	21	23	11	9	37
7	25	22	18	17	16	17	19	32	28	35	42	45	43	50	53	56	54	55	45	35	37	52	44	37	37
8	35	37	37	31	26	27	25	29	36	37	40	45	49	49	56	58	60	59	54	33	40	35	28	42	40
9	23	14	12	9	4	7	12	17	12	34	29	40	48	47	53	50	51	52	46	43	44	42	43	34	32
10	23	17	10	10	13	15	22	29	35	42	45	47	50	50	52	51	53	53	50	39	33	31	23	21	34
11	32	41	41	38	34	32	32	37	41	46	48	51	56	60	62	60	63	59	53	36	29	20	28	46	44
12	52	49	36	44	56	59	53	38	37	41	41	27	13	32	23	23	23	22	22	12	2	0	3	6	30
13	8	4	25	44	30	24	22	22	24	24	26	35	44	56	46	47	54	47	43	38	36	33	31	29	33
14	25	24	22	23	11	22	19	24	45	45	51	66	86	87	77	71	73	83	75	44	22	28	69	67	48
15	59	63	58	59	56	46	37	39	48	54	47	50	62	64	71	75	70	93	80	58	51	49	42	38	57
16	34	33	27	26	27	38	39	41	37	41	42	46	57	47	50	62	50	43	35	15	14	12	15	19	35
17	18	8	18	21	21	26	24	30	37	49	65	66	68	67	69	70	71	72	58	48	35	45	23	35	44
18	50	50	45	47	41	35	37	43	44	44	45	54	59	64	69	68	67	70	72	60	55	50	53	55	53
19	65	60	44	35	28	21	24	31	42	53	46	77	96	104	106	103	99	103	102	95	58	48	44	82	65
20	76	66	61	62	57	51	53	59	64	74	66	77	96	104	106	103	99	103	102	95	58	48	44	82	65
21	37	39	29	25	19	17	17	33	40	46	55	65	69	74	77	76	80	87	93	68	57	34	23	28	38
22	48	52	44	29	25	25	33	36	37	38	57	64	72	67	73	72	74	70	62	63	43	62	53	39	51
23	52	48	45	39	35	31	40	43	49	68	72	75	71	77	81	77	75	76	75	62	55	63	55	60	53
24	61	53	44	49	27	17	40	62	68	69	69	78	77	79	80	82	82	77	75	74	60	64	70	59	63
25	45	48	54	51	42	36	40	38	41	49	55	54	56	54	53	51	50	47	50	51	44	33	27	29	46
26	35	38	39	43	37	38	39	38	36	37	40	43	48	42	39	39	38	36	36	32	27	26	24	21	36
27	18	19	19	16	18	17	19	28	33	35	37	40	42	43	44	44	46	45	37	41	31	18	10	8	30
28	7	10	10	14	16	8	18	17	25	19	25	28	34	36	43	64	68	53	52	60	61	53	45	38	34
29	32	25	22	33	31	30	26	24	27	36	24	34	37	44	53	60	71	71	69	63	42	32	40	41	40
30	44	41	40	43	43	31	32	37	42	46	49	54	59	62	65	63	58	55	52	41	41	39	44	43	47
MEAN	38	36	35	35	32	29	30	34	38	43	45	49	53	56	59	60	59	60	56	47	41	39	37	39	43

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

[illegible]

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. <\*\*\*\*> INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - WC NO 16001 SIMCOE HORTICULTURAL STATION

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	21	20.8	40	48
FEB	20	31.6	51	59
MAR	9	39.8	53	61
APR	27	44.8	58	80
MAY	29	43.7	65	106
JUN	10	37.1	48	71
YEAR	116	36.9	65	106

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - WC NO 16001 SIMCOE HORTICULTURAL STATION

MONTH	00 TO 10	11 TO 20	21 TO 30	31 TO 50	51 TO 80	81 TO 100	101 TO 150	151 & OVER	TOTAL
JAN	88	187	151	95	0	0	0	0	521
FEB	52	62	95	248	39	0	0	0	496
MAR	2	12	32	149	44	0	0	0	239
APR	5	16	51	389	207	0	0	0	668
MAY	19	49	100	318	211	16	5	0	718
JUN	3	29	61	111	45	0	0	0	249
YEAR	169	355	490	1310	546	16	5	0	2891

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
66.6	0	14.2	27.1	37.2	45.3	55.4	62.5	72.6	78.0	106	36.9



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION													
STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE												MONTH - JUN 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												-	DATA	INVALID	-										
2												-	DATA	INVALID	-										
3												-	DATA	INVALID	-										
4												-	DATA	INVALID	-										
5												-	DATA	INVALID	-										
6												-	DATA	INVALID	-										
7												-	DATA	INVALID	-										
8												-	DATA	INVALID	-										
9												-	DATA	INVALID	-										
10												-	DATA	INVALID	-										
11												-	DATA	INVALID	-										
12												-	DATA	INVALID	-										
13												-	DATA	INVALID	-										
14												-	DATA	INVALID	-										
15												-	DATA	INVALID	-										
16												-	DATA	INVALID	-										
17												-	DATA	INVALID	-										
18												-	DATA	INVALID	-										
19												-	DATA	INVALID	-										
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45	37	34	38	39	46	64	46	37	32	0.00
21	25	23	22	24	27	28	29	37	48	52	54	47	56	63	60	53	49	46	39	19	26	44	36	50	40
22	46	38	34	36	39	36	33	45	67	95	116	110	118	119	116	121	120	128	102	96	104	95	71	62	81
23	52	46	44	49	48	46	41	46	56	68	79	84	90	0.00	97	86	94	99	86	80	65	62	69	59	67
24	59	55	48	39	35	30	26	27	48	47	47	41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25												-	DATA	INVALID	-										
26												-	DATA	INVALID	-										
27												-	DATA	INVALID	-										
28												-	DATA	INVALID	-										
29												-	DATA	INVALID	-										
30												-	DATA	INVALID	-										
MEAN	46	41	37	37	37	35	32	39	55	66	74	71	88	91	80	74	74	78	67	60	65	62	53	51	57

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION													
STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE												MONTH - JUL 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
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25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN																									

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION														
STATION - WC NO 22071												MONTH - AUG 75														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	72	69	84	80	62	46	24	67	91	105	121	130	117	112	114	116	111	110	98	76	83	96	110	94	91	
2	66	70	73	70	60	65	57	72	81	94	98	100	115	117	113	108	103	94	80	59	37	28	24	21	75	
3	32	33	39	38	31	26	26	32	41	40	48	50	54	52	49	47	41	43	41	35	25	21	16	14	36	
4	15	15	24	21	15	9	15	24	25	26	29	36	39	40	43	44	45	43	39	31	32	30	28	25	29	
5	25	24	19	18	14	13	15	21	27	30	35	42	42	42	42	42	42	42	42	42	42	42	42	42	42	
6													- DATA INVALID -													
7													- DATA INVALID -													
8	***	***	***	***	***	***	***	***	***	***	***	45	47	48	54	47	46	50	54	44	30	31	20	14	17	
9	10	26	39	40	38	27	14	30	47	73	90	98	98	94	96	105	111	117	122	108	105	100	90	81	73	
10	72	64	57	49	38	30	30	35	55	74	91	104	111	103	99	96	102	108	96	77	77	77	74	73	75	
11	57	47	48	41	25	24	30	41	55	***	63	69	76	80	79	76	73	67	62	43	18	24	30	20	50	
12	17	8	3	4	1	1	7	13	25	31	39	41	48	47	49	48	51	54	41	34	22	25	26	17	27	
13	22	19	22	25	26	29	32	30	36	45	41	45	57	64	74	77	84	89	86	75	61	47	38	34	48	
14	27	19	18	16	13	13	10	15	20	***	37	38	43	46	46	45	43	35	29	22	21	15	12	7	26	
15	8	4	3	5	9	8	11	10	11	13	17	29	41	39	32	30	37	39	35	33	32	30	31	23	22	
16	22	14	4	6	15	9	14	21	29	43	62	72	79	84	92	98	109	97	83	74	72	70	70	67	54	
17	61	45	31	21	18	14	18	24	42	55	66	81	98	111	103	99	102	103	88	79	74	75	69	52	64	
18	28	22	18	14	10	4	8	16	19	23	26	30	***	36	43	44	40	36	25	16	12	7	3	3	21	
19	4	1	2	2	2	5	9	14	20	26	26	29	34	39	45	52	46	42	36	27	22	13	12	8	22	
20	3	5	3	2	4	8	15	23	21	27	33	***	39	43	43	43	44	38	28	25	12	6	8	9	21	
21	10	8	13	15	12	10	4	1	8	25	23	28	26	30	35	40	51	55	47	50	55	45	37	34	28	
22	30	23	18	14	12	18	33	34	36	38	38	42	52	55	59	57	53	48	41	32	30	29	28	29	35	
23	27	25	20	16	7	6	10	12	17	22	25	25	27	35	34	33	33	30	25	20	16	12	10	10	21	
24	15	12	6	5	17	41	39	35	46	47	48	47	47	47	46	59	65	69	66	57	53	43	33	28	40	
25	25	31	28	23	26	27	26	30	37	42	***	62	66	66	72	75	83	89	86	86	82	73	59	56	54	
26	62	64	67	67	63	55	56	49	53	59	73	68	64	55	46	44	57	58	55	54	34	30	32	44	55	
27	52	48	45	43	37	31	32	38	44	48	54	57	53	45	41	42	41	38	35	26	17	18	12	1	37	
28	3	5	22	24	25	26	11	18	20	44	58	71	74	86	101	99	100	95	77	71	88	83	80	56	56	
29	60	49	43	46	31	35	22	18	32	41	38	45	65	84	79	73	66	67	61	61	48	57	55	47	51	
30	15	2	38	61	55	48	41	40	47	49	53	52	48	47	46	47	46	46	44	43	38	36	39	39	43	
31	34	30	29	29	27	27	24	25	25	27	35	47	49	48	44	42	40	35	33	34	30	29	28	29	33	
MEAN	31	28	29	28	25	23	23	28	36	44	50	57	62	63	63	64	65	64	57	49	44	41	38	34	43	6

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
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	POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION																							
	STATION - WC NO 22071												EXPERIMENTAL FARM SIMCOE												MONTH - SEP 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN											
1	30	30	31	31	32	34	35	34	32	31	32	41	47	51	59	64	64	62	50	27	23	39	44	41	40											
2	31	18	28	36	39	40	29	21	22	33	45	43	39	38	31	27	23	22	19	17	14	10	4	***	27											
3	***	***	***	***	***	***	***	***	***	***	***	***	32	29	27	28	33	29	22	18	20	5	9	9	***											
4	12	27	24	31	29	24	25	30	32	34	35	36	38	41	43	42	42	40	35	28	26	19	17	9	30											
5	10	14	9	12	10	6	13	20	29	39	40	48	50	46	40	45	33	28	29	17	20	14	18	31	26											
6	32	29	27	20	8	4	19	28	42	43	45	46	47	51	49	48	48	49	49	27	17	30	26	18	33											
7	14	19	13	7	11	13	20	25	25	19	32	51	63	74	75	83	88	77	49	42	69	77	72	70	45											
8	62	58	54	55	55	45	37	37	36	36	43	42	43	42	35	37	35	31	29	23	19	19	19	20	38											
9	25	24	17	17	22	20	20	26	31	29	***	37	42	42	42	42	40	36	27	18	18	15	15	15	27											
10	10	16	18	18	17	20	29	33	35	43	41	42	50	58	67	72	73	57	55	30	61	55	50	49	42											
11	33	34	33	28	29	32	36	41	40	53	61	65	66	59	63	52	46	45	43	40	37	38	48	41	44											
12	39	39	34	29	26	22	18	16	20	25	35	36	37	42	39	41	41	40	36	25	15	32	34	32	31											
13	31	32	31	32	31	30	31	34	38	40	40	39	38	37	38	36	34	33	34	36	37	36	35	34	35											
14	35	33	31	30	30	29	30	39	48	46	43	42	42	44	47	46	48	45	13	17	22	26	30	37	36											
15	43	50	45	44	45	40	23	27	38	46	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***											
16																																				
17																																				
18																																				
19	***	***	***	***	***	***	***	***	***	***	***	49	55	63	63	60	64	37	54	57	58	54	49	***	***											
20	31	26	26	24	26	29	31	29	32	32	31	32	41	40	46	48	49	48	36	25	21	26	31	29	33											
21	26	20	17	13	12	9	10	11	11	12	15	16	18	20	27	35	38	33	27	22	22	21	21	19	20											
22	17	12	12	13	13	11	7	8	14	17	***	19	23	26	25	24	19	17	22	15	5	8	8	12	15											
23	18	15	12	9	8	2	0	3	11	21	29	39	49	51	47	51	53	50	40	16	19	31	18	4	25											
24	9	17	20	20	17	10	5	2	1	2	5	***	11	19	24	26	25	27	26	25	24	23	22	24	17											
25	22	20	19	18	15	11	12	14	16	17	17	17	17	17	16	12	14	11	10	7	7	6	4	3	13											
26	2	2	1	1	1	1	0	0	4	13	10	10	9	7	9	10	11	14	16	11	2	5	6	7	6											
27	12	13	13	14	14	13	14	14	14	12	15	22	23	25	25	28	28	27	25	20	22	21	18	10	19											
28	8	5	1	***	***	***	***	***	***	13	29	35	40	42	45	48	60	65	58	40	37	44	48	42	38	37										
29	33	25	24	13	8	***	***	***	***	***	32	***	70	76	78	79	78	77	67	61	58	62	59	50	52											
30	32	44	52	48	45	38	31	28	31	35	46	54	54	55	61	62	59	51	43	34	35	38	38	38	44											
MEAN	25	25	24	23	23	21	21	23	26	30	33	39	40	42	43	45	44	41	34	27	28	29	28	27	30	9										



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT													UNITS - PARTS/BILLION													
STATION - WC NO 22071													EXPERIMENTAL FARM SIMCOE													
													MONTH - OCT 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	38	31	34	34	34	35	34	36	38	35	25	19	19	17	16	13	13	13	12	6	5	5	11	15		
2	12	10	6	4	1	****	****	****	1	5	9	12	16	17	18	20	21	20	19	14	7	3	****	****	22	
3	****	****	****	****	****	****	****	****	14	21	29	41	46	53	56	59	64	64	61	63	65	64	60	52	11	
4	46	41	34	32	30	26	25	27	31	37	45	53	57	61	69	76	74	67	51	40	38	36	50	50	46	
5	42	44	45	36	27	19	14	18	41	55	57	57	59	62	58	58	55	50	44	34	23	25	30	34	41	
6	30	34	38	37	34	34	28	28	28	33	****	27	20	16	16	14	12	12	9	0	****	****	****	****	24	
7	****	****	****	****	****	****	****	****	****	****	****	2	5	5	6	12	9	4	****	8	****	****	****	****	****	
8	****	****	****	****	****	****	****	****	****	****	****	****	****	46	50	54	64	62	54	51	51	50	45	44	****	
9	45	45	44	40	39	37	37	36	34	32	30	29	32	33	33	31	32	31	30	29	27	30	26	23	34	
10	24	18	18	18	23	35	42	38	32	38	****	23	20	27	38	44	49	52	50	48	44	37	38	33	34	
11	31	32	31	25	22	21	19	19	19	19	17	17	19	18	19	21	24	23	22	23	19	18	18	17	21	
12	18	19	19	19	19	19	17	17	17	21	23	29	32	34	36	39	38	36	37	32	30	15	10	6	24	
13	13	8	4	19	20	18	17	17	17	20	23	26	25	21	30	38	55	65	71	71	70	69	64	57	49	
14	42	40	37	33	30	23	17	15	18	23	31	36	47	52	53	56	62	66	78	71	67	66	65	56	45	
15	49	44	44	42	41	41	39	37	36	35	36	35	34	20	28	28	27	27	24	24	27	27	34	35	34	
16	34	30	24	17	13	9	6	6	12	19	21	26	29	27	25	25	24	20	18	15	11	9	5	2	18	
17	2	****	****	****	****	****	****	****	****	****	****	****	28	34	36	37	35	35	36	36	38	38	37	34	****	
18	37	40	42	44	46	44	40	36	37	36	34	31	34	37	39	41	42	42	42	41	39	38	37	35	39	
19	34	32	31	30	30	30	30	29	28	26	25	28	35	44	39	35	36	34	33	34	34	34	31	31	32	
20	30	30	30	31	31	30	25	23	26	****	15	17	18	22	29	23	20	19	15	26	28	2	27	33	24	
21	37	41	40	38	38	36	31	28	35	40	45	50	51	54	56	61	61	60	61	50	49	31	44	47	45	
22	48	35	25	21	17	16	9	7	3	13	29	36	41	45	48	49	39	18	15	21	22	18	12	8	25	
23	6	8	13	18	30	37	26	25	35	43	51	64	63	65	70	71	70	50	52	55	56	66	67	63	46	
24	66	55	42	37	43	43	42	40	29	38	50	****	****	****	****	27	25	24	24	23	29	30	30	29	36	
25	28	27	26	26	25	25	24	22	20	20	20	18	16	14	14	14	14	14	12	9	9	8	8	9	18	
26	10	10	9	10	9	9	9	9	11	14	18	22	23	24	24	23	22	20	14	16	15	18	17	20	16	
27	21	21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
28	6	6	4	3	1	1	1	1	1	2	****	0	5	19	22	22	19	19	18	17	14	12	12	12	10	
29	11	10	15	16	14	14	15	15	15	16	18	17	17	17	17	17	17	15	16	16	****	****	****	****	15	
30	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
31	8	6	6	8	8	7	7	7	8	10	15	17	17	20	21	21	20	18	17	17	14	10	9	9	13	
MEAN	28	28	26	26	25	25	23	22	23	27	28	28	29	32	34	35	35	33	32	30	30	28	30	28	28	9

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION													
STATION - WC NO 22071												EXPERIMENTAL FARM SIMCOE													
												MONTH - NOV 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	12	11	11	14	15	15	15	17	18	18	20	20	20	19	18	18	18	18	18	18	15	15	15	16
2	15	16	15	14	14	13	13	12	12	12	13	16	17	19	21	22	23	23	21	19	18	17	17	16	17
3	17	21	23	21	21	19	18	18	16	14	14	***	11	10	10	9	9	8	8	8	8	11	12	14	14
4	11	10	9	8	6	6	5	5	7	10	13	15	17	18	18	18	16	11	12	11	6	3	2	2	10
5	2	2	4	6	6	6	5	6	7	9	12	15	16	19	22	22	20	11	10	8	10	9	6	10	9
6	5	4	6	4	4	6	5	3	2	2	3	8	15	22	25	24	19	14	11	5	5	8	13	13	9
7	14	16	10	8	6	6	3	3	2	4	8	9	7	9	11	12	13	12	12	11	11	9	9	8	9
8	7	7	7	7	7	7	8	8	8	8	9	10	11	14	16	16	16	14	12	3	3	6	3	4	9
9	10	10	9	11	12	9	8	8	7	7	8	8	11	12	17	21	18	16	9	8	10	8	6	11	11
10	16	17	17	14	12	12	13	10	9	8	***	10	10	10	11	12	13	13	13	13	14	14	14	14	13
11	13	13	12	11	10	8	6	5	6	9	12	15	15	15	15	14	9	4	10	12	12	8	9	10	11
12	10	6	4	2	1	1	2	2	2	2	5	9	10	13	13	12	11	11	16	16	16	16	16	15	9
13	15	14	14	13	13	12	11	10	11	11	13	15	16	18	17	17	17	17	17	18	19	19	20	20	15
14	19	20	19	19	19	19	19	19	19	19	19	15	15	15	15	15	14	14	14	15	16	16	16	13	16
15	12	12	10	9	8	6	6	6	7	10	15	15	15	16	16	16	14	13	12	13	15	16	16	15	12
16	12	12	10	10	9	9	9	9	9	13	16	17	17	18	19	19	15	15	16	15	14	15	15	15	14
17	13	12	12	11	11	9	11	12	13	14	***	17	20	21	21	17	14	16	19	19	19	20	20	18	16
18	18	17	14	11	8	5	5	4	4	5	7	10	11	11	11	13	11	8	9	11	13	15	16	18	11
19	16	16	15	14	12	9	9	3	0	4	4	13	19	21	27	28	26	19	9	10	11	8	12	9	13
20	12	11	10	9	7	5	2	0	0	3	7	9	10	11	11	10	8	11	13	11	11	12	13	13	9
21	11	9	7	6	6	5	3	3	3	3	4	3	***	8	7	8	8	7	5	5	5	4	3	2	5
22	2	6	10	10	10	11	14	13	14	13	13	13	13	12	13	13	13	12	11	12	11	10	8	9	11
23	9	8	5	5	4	3	4	4	5	8	11	13	14	15	15	15	15	15	15	15	15	15	15	15	15
24	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
25	5	1	1	1	2	8	7	3	3	5	5	6	5	6	7	7	6	3	1	2	4	3	5	5	***
26	1	1	1	1	1	1	1	2	4	5	6	6	6	6	7	5	5	2	1	1	1	8	1	1	5
27	4	8	6	6	8	10	***	***	***	***	***	***	***	3	2	3	3	2	1	1	1	0	2	0	3
28	0	0	0	0	0	1	1	1	1	3	4	4	***	***	16	21	17	11	7	7	6	4	5	4	5
29	9	2	3	4	6	5	11	12	11	10	10	11	12	13	11	10	9	9	9	10	10	10	10	10	9
30	3	9	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
MEAN	10	10	9	9	9	8	8	7	7	8	10	12	13	14	15	15	13	11	11	10	10	10	10	10	10



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT											UNITS - PARTS/BILLION																											
STATION - WC NO 22071											EXPERIMENTAL FARM SIMCOE														MONTH - DEC 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN													
1												- DATA INVALID -																										
2	****	16	11	8	7	6	5	6	8	****	****	34	37	39	37	35	26	18	13	8	11	33	42	47	21													
3	48	49	60	61	61	59	56	51	47	49	55	60	67	68	68	46	38	21	16	11	12	13	13	15	44													
4	23	20	14	13	12	19	21	19	18	19	18	17	16	17	18	21	19	13	7	2	0	0	0	0	14													
5	0	0	0	0	0	0	4	3	****	****	****	40	45	44	41	37	38	41	42	44	47	48	49	50	27													
6	53	53	52	52	53	52	50	45	45	46	44	38	40	39	40	40	36	26	16	10	9	7	4	36	36													
7	1	0	0	0	0	0	0	0	0	0	5	10	8	5	7	7	7	5	3	2	1	0	0	0	4													
8	0	0	0	0	0	0	0	0	0	2	5	11	13	17	****	37	40	37	36	33	30	27	23	22	14													
9	22	22	22	22	22	23	24	36	35	34	33	32	34	31	29	30	28	27	27	27	27	27	26	28	28													
10	24	24	24	21	24	23	25	25	25	****	34	37	37	34	32	36	29	7	7	5	21	16	19	20	24													
11	16	11	7	7	8	8	7	6	7	12	24	32	38	37	36	35	28	26	17	23	15	18	18	13	19													
12	2	0	9	15	17	19	19	22	24	28	****	39	41	40	38	37	34	28	29	30	27	22	20	14	24													
13	12	10	9	10	11	10	8	5	6	8	7	8	8	7	6	6	5	3	2	2	2	0	0	2	6													
14	4	5	9	14	22	24	27	23	23	21	22	26	26	35	43	49	50	51	49	52	54	55	55	52	33													
15	51	49	45	40	34	29	24	22	10	****	****	12	11	12	13	17	16	15	14	17	17	18	18	18	23													
16	18	19	19	20	21	20	19	17	3	11	19	22	26	25	24	20	14	17	18	18	16	11	12	12	18													
17	12	10	10	10	6	5	3	2	2	4	10	14	20	22	22	22	20	18	15	12	12	13	15	14	12													
18	12	9	6	6	8	14	18	19	19	19	20	20	21	22	20	21	20	17	13	11	10	12	12	13	15													
19	10	10	8	6	3	3	2	0	0	0	****	25	28	28	29	32	25	19	7	6	10	9	10	10	12													
20	12	7	8	10	10	11	14	17	16	15	18	18	21	20	20	21	17	10	5	5	6	8	10	18	13													
21	23	23	24	25	26	27	27	28	28	27	29	29	33	36	38	38	36	28	19	17	13	9	10	2	25													
22	0	0	0	0	0	0	0	0	6	13	21	30	****	30	26	23	18	12	0	0	0	0	0	0	8													
23	0	0	0	0	10	22	29	25	27	24	27	35	41	42	42	41	39	33	25	20	18	17	19	15	23													
24	8	5	10	10	6	5	1	0	4	5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****													
25												- DATA INVALID -																										
26												- DATA INVALID -																										
27	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	42	42	39	28	17	15	16	12	21	19	****												
28	17	9	8	8	2	5	5	8	11	13	23	30	41	47	51	47	34	20	12	15	22	28	27	26	21													
29	24	31	27	26	24	21	19	6	9	12	****	21	31	29	28	22	8	3	0	0	0	0	0	0	15													
30	0	0	0	0	0	1	0	1	2	5	8	9	11	11	12	11	9	8	7	6	2	0	0	16	5													
31	27	25	25	23	28	27	29	27	27	28	8	****	****	****	****	****	****	****	****	****	****	****	****	****	****													
MEAN	16	15	16	16	16	17	17	16	16	18	21	26	29	29	30	30	26	21	16	15	15	16	16	16	19.5													

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY		DATA UNAVAILABLE		
JUN	3	57.7	81	128
JUL	16	38.2	83	126
AUG	27	43.6	91	130
SEP	24	30.9	52	88
OCT	26	28.9	51	78
NOV	27	10.4	17	28
DEC	25	19.5	44	68
YEAR	148	28.7	91	130

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE

MONTH	00 TO 10	11 TO 20	21 TO 30	31 TO 50	51 TO 80	81 TO 100	101 TO 150	151 & OVER	TOTAL
JAN		DATA UNAVAILABLE							
FEB		DATA UNAVAILABLE							
MAR		DATA UNAVAILABLE							
APR		DATA UNAVAILABLE							
MAY		DATA UNAVAILABLE							
JUN	0	1	11	40	21	10	10	0	93
JUL	34	53	67	138	76	7	12	0	387
AUG	60	77	119	203	131	47	32	0	669
SEP	64	126	112	223	69	2	0	0	596
OCT	86	155	129	198	75	0	0	0	643
NOV	338	306	22	0	0	0	0	0	666
DEC	204	150	132	98	25	0	0	0	609
YEAR	786	868	592	900	397	66	54	0	3663

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
71.3	0	5.0	13.4	23.1	35.9	57.4	71.2	95.5	107.1	130	28.7



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION															
	STATION - WC NO 29025					BARTON/WENTWORTH					HAMILTON					MONTH - JAN 75												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN			
1	0	0	0	0	0	0	0	0	0	2	3	4	8	15	18	14	12	18	18	21	24	28	26	27	10			
2	28	17	15	16	16	11	5	3	3	9	16	19	15	14	12	6	0	0	0	0	0	1	1	9				
3	1	1	1	6	8	8	6	0	0	1	3	5	6	5	4	4	2	2	2	1	1	0	0	3				
4	1	3	4	5	4	4	6	7	5	10	10	10	7	9	10	11	5	1	1	1	1	0	0	8				
5	8	17	8	6	16	4	5	0	1	4	7	13	16	21	22	19	8	0	***	0	0	6	4	5				
6	0	0	0	1	4	1	0	0	0	6	9	11	13	17	15	5	1	3	3	8	11	6	4	5				
7	7	8	10	11	10	6	2	2	2	3	4	3	10	15	17	16	7	1	1	1	0	0	10	2				
8	0	0	0	0	0	0	0	0	0	0	0	5	6	6	6	3	2	1	1	0	0	4	1	2				
9	14	12	8	2	4	3	0	0	6	6	6	9	10	10	7	6	4	6	13	6	4	4	1	2				
10	3	8	12	14	14	9	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	5	12	3				
11	20	25	26	26	23	20	18	19	26	27	27	26	26	26	28	27	23	21	21	23	23	24	25	25	24			
12	26	21	20	20	24	25	20	20	19	19	20	21	21	20	18	18	15	14	15	13	11	8	9	7	18			
13	3	3	0	0	3	1	0	0	0	5	9	11	9	7	6	6	4	6	6	3	5	2	0	1	4			
14	2	4	7	9	11	12	10	5	2	8	10	14	18	18	17	15	10	9	11	9	6	3	6	9				
15	6	8	10	9	7	5	1	1	1	4	9	15	16	15	12	7	3	3	5	9	9	16	11	13	8			
16	19	23	21	15	16	14	5	0	5	18	23	24	25	23	20	15	9	9	11	15	19	19	16	13	16			
17	12	16	20	17	18	16	8	4	6	12	15	20	16	16	16	13	4	3	7	6	5	7	4	4	11			
18	4	2	0	7	7	9	11	14	17	19	17	15	9	8	8	6	3	4	4	4	7	3	0	0	7			
19	0	0	10	5	8	8	9	15	17	14	11	9	22	25	28	26	23	25	28	26	22	19	16	16	16			
20	17	20	20	17	19	19	8	1	2	0	1	6	13	8	2	3	5	4	1	0	0	0	0	0	0			
21	0	0	0	0	4	5	1	0	0	2	4	8	9	9	7	2	0	1	3	12	15	17	12	9	5			
22	3	1	0	8	16	15	8	7	5	7	10	12	18	17	7	1	0	0	0	0	0	0	0	0	6			
23	0	0	0	0	0	0	0	0	0	0	3	6	7	7	11	9	4	1	1	1	4	7	3	0	3			
24	0	0	0	0	0	0	0	0	0	0	0	1	3	5	2	1	0	0	0	0	0	0	0	0	1			
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	9	4	6	4	2	1			
26	3	2	2	0	1	0	0	0	0	1	1	8	13	15	13	9	11	11	11	15	18	16	12	11	7			
27	12	14	15	15	18	17	15	7	3	8	14	18	23	25	19	12	4	3	6	2	1	1	0	0	11			
28	0	0	0	0	0	0	0	0	0	0	3	8	17	15	15	6	2	0	0	0	0	0	0	0	3			
29	0	1	1	0	0	0	0	0	0	0	0	0	1	9	14	12	4	0	8	20	26	24	19	25	7			
30	22	25	26	25	23	22	21	13	8	7	12	13	16	21	16	14	15	15	16	15	18	13	1	0	16			
31	0	0	0	0	0	0	0	0	0	1	2	6	17	21	19	22	20	16	5	0	7	8	11	11	7			
MEAN	7	7	8	8	9	8	5	4	4	6	8	10	13	14	13	10	6	6	7	7	8	8	6	7	7 8			

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION													
	STATION - WC NO 29025					BARTON/WENTWORTH							HAMILTON							MONTH - FEB 75						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	12	13	14	16	21	19	21	15	6	10	6	9	14	24	23	15	6	3	1	0	2	0	13	14	12	
2	3	2	11	12	6	2	0	0	0	2	3	24	29	27	27	21	22	13	5	4	0	1	2	3	9	
3	9	10	12	9	6	8	19	10	13	23	31	33	32	34	31	34	24	15	21	14	8	22	13	0	18	
4	0	0	0	4	21	17	7	0	***	13	16	16	16	16	15	13	8	9	5	4	3	0	0	0	8	
5	5	7	7	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	1	
6	0	0	0	0	1	2	1	0	3	2	5	7	11	10	15	14	9	5	7	8	9	12	10	9	6	
7	6	18	20	23	23	20	14	3	10	17	20	24	23	23	21	23	15	6	2	0	6	8	8	6	14	
8	7	9	13	17	14	12	8	8	8	6	18	20	21	24	19	15	15	13	16	12	11	10	10	11	13	
9	11	10	9	13	17	16	24	28	28	29	29	23	25	26	26	25	23	17	11	8	5	6	7	8	18	
10	10	12	13	10	10	10	4	0	2	7	14	17	19	21	17	12	10	8	5	6	2	3	1	1	9	
11	0	0	0	0	0	0	0	0	0	4	6	9	18	27	21	22	16	11	7	12	14	13	0	0	8	
12	0	0	0	0	2	10	12	5	0	0	4	9	9	9	9	12	13	9	15	19	19	21	21	18	9	
13	23	23	24	24	22	20	17	3	2	9	19	20	25	24	17	17	13	13	15	16	20	21	20	19	18	
14	21	19	18	17	20	20	9	5	0	2	4	7	8	8	6	4	1	0	0	0	0	1	3	3	7	
15	2	0	5	8	10	14	11	2	9	6	8	12	13	7	3	2	4	10	5	3	0	0	3	1	6	
16	5	8	10	3	0	0	0	5	11	21	23	22	16	22	10	20	24	26	21	19	16	9	15	19	14	
17	18	13	5	1	0	0	11	13	17	18	12	8	6	4	4	1	2	1	0	0	***	***	***	***	***	7
18	***	***	***	***	***	***	***	***	***	2	5	9	15	9	8	6	5	5	8	8	7	3	2	5	***	***
19	12	10	7	19	14	16	13	8	6	13	19	25	30	27	24	18	12	17	19	12	14	14	14	11	16	
20	22	29	32	35	36	26	13	6	5	12	21	25	22	28	28	25	22	21	19	22	28	25	21	18	23	
21	6	5	8	5	2	0	0	0	0	1	5	18	30	37	43	42	28	11	3	0	0	1	0	0	10	
22	1	2	4	8	4	3	4	0	4	12	19	18	15	11	11	9	7	6	0	0	0	0	0	0	6	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	4	0	7	4	10	10	2		
24	9	6	11	11	15	10	10	3	5	4	3	0	1	1	1	0	0	2	2	6	9	11	13	14	6	
25	21	20	20	20	22	23	20	13	15	21	22	21	20	21	22	21	22	21	17	19	22	23	26	26	21	
26	32	35	37	37	35	35	28	22	19	26	28	28	36	36	37	31	28	27	27	24	24	25	29	30	30	
27	32	32	34	35	35	36	28	17	20	22	26	26	30	30	30	29	21	18	14	13	11	11	12	11	24	
28	13	12	13	13	12	12	10	8	15	19	18	13	12	15	15	11	9	14	17	18	24	23	23	19	15	
MEAN	10	11	12	13	13	12	11	6	8	11	14	16	18	19	17	16	13	11	9	9	10	10	10	9	12 0	

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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT														UNITS - PARTS/BILLION												
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON														MONTH - MAR 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	26	25	27	24	33	31	24	23	28	32	35	35	35	35	35	34	31	31	21	19	18	18	14	15	27	
2	25	24	24	25	25	23	20	16	27	41	44	46	48	47	41	41	41	40	36	31	23	18	20	23	31	
3	22	21	21	25	23	22	16	19	22	32	34	36	36	35	34	35	26	26	22	24	25	29	26	9	24	
4	12	16	20	20	18	11	8	6	9	22	32	36	35	41	28	19	19	19	19	13	19	11	4	2	18	
5	14	20	20	15	15	7	1	0	3	11	20	24	23	29	36	36	28	17	13	10	13	12	12	3	16	
6	5	12	14	18	22	10	4	2	3	7	14	13	27	27	30	26	14	12	21	15	14	16	18	27	15	
7	23	0	8	16	16	8	2	0	0	2	2	1	0	0	0	25	41	44	46	42	34	33	33	18	16	
8	10	10	24	32	40	39	36	38	38	40	40	41	40	38	41	41	41	36	32	25	17	14	10	4	30	
9	3	1	2	1	2	0	2	1	18	26	33	36	42	42	42	48	57	40	26	15	6	6	2	8	19	
10	9	3	1	5	4	3	0	0	2	14	26	24	25	22	15	17	18	21	25	13	8	6	0	0	11	
11	0	0	8	21	20	20	15	9	6	9	8	15	23	26	32	30	22	20	16	4	2	8	1	0	13	
12	0	0	0	0	0	0	0	0	0	0	0	7	11	9	7	4	0	0	0	0	2	4	6	6	2	
13	13	34	45	47	46	45	27	21	27	29	30	31	40	41	43	41	35	35	30	31	26	30	28	25	33	
14	18	4	8	20	23	22	18	17	21	24	22	21	18	12	12	8	9	9	0	10	16	5	15	23	15	
15	36	40	31	20	12	4	9	14	23	28	37	42	50	55	80	56	48	41	22	11	13	24	35	38	32	
16	44	29	23	31	23	17	9	14	21	28	35	44	43	44	36	25	29	34	12	0	0	0	0	0	23	
17	4	23	46	41	31	9	4	0	1	13	27	30	36	30	36	43	28	16	4	0	0	0	0	0	18	
18	1	4	11	4	2	0	0	0	0	3	35	44	46	51	39	9	4	1	2	4	2	6	8	25	13	
19	31	34	31	35	30	12	3	0	0	3	2	1	0	2	5	3	4	10	14	19	28	25	20	22	14	
20	28	29	36	30	34	38	38	37	31	39	41	39	43	43	42	39	33	35	32	25	28	35	25	16	34	
21	14	13	22	32	34	31	27	21	11	10	12	20	25	20	12	12	18	25	23	22	19	10	7	9	19	
22	4	6	7	5	9	9	7	3	0	0	0	0	0	0	6	15	25	25	31	31	34	31	27	23	12	
23	23	19	25	27	25	28	27	28	29	28	31	30	32	31	33	33	36	32	24	16	8	0	1	9	24	
24	16	12	20	23	25	28	26	17	19	19	17	18	19	16	16	15	11	9	7	6	15	12	2	0	15	
25	0	0	0	1	0	0	0	4	13	12	17	25	22	17	15	17	14	10	8	4	4	11	22	23	10	
26	27	30	30	29	29	30	30	29	32	34	36	41	43	42	41	40	38	36	37	34	34	37	29	26	34	
27	18	26	25	34	36	35	30	29	32	35	36	23	21	15	15	10	7	7	2	3	12	18	18	22	21	
28	20	14	11	13	16	14	7	15	26	35	33	34	35	31	29	32	35	31	23	26	23	24	22	18	24	
29	10	4	2	0	0	0	0	1	3	4	10	11	8	14	20	28	33	30	27	23	22	25	21	20	13	
30	20	22	29	29	30	29	29	29	31	33	34	35	35	34	34	34	33	31	31	32	31	32	34	36	31	
31	36	38	36	36	35	29	20	18	23	30	34	37	40	36	28	23	15	15	17	6	4	11	8	15	25	
MEAN	17	17	20	21	21	18	14	13	16	21	25	27	29	29	28	27	26	24	20	17	16	16	15	15	20	5

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
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POLLUTANT - OZONE-CHEMILUMINESCENT													UNITS - PARTS/BILLION												
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON													MONTH - APR 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	19	9	13	12	16	7	13	****	6	22	38	40	27	13	24	50	46	42	41	33	12	11	30	23
2	27	26	32	50	43	30	27	21	13	22	14	30	34	27	27	21	19	26	21	24	24	24	24	24	26
3	26	28	26	19	11	7	9	14	41	43	41	42	44	43	43	36	36	39	42	44	44	45	41	42	34
4	48	45	45	42	42	37	30	28	32	36	39	38	40	38	38	35	32	35	34	36	38	38	37	37	38
5	39	36	37	37	37	38	37	36	40	42	44	44	45	48	48	48	46	46	32	38	38	43	42	46	41
6	44	40	40	40	38	38	38	39	45	45	48	48	50	52	54	54	52	51	50	47	48	48	46	46	46
7	50	49	48	48	46	38	30	32	38	43	46	48	52	53	52	46	46	46	43	41	28	15	13	13	40
8	19	24	39	43	43	41	32	34	44	49	52	52	55	55	53	52	49	51	47	31	22	12	15	23	39
9	30	28	42	46	48	45	45	44	****	48	50	57	60	57	61	63	21	21	23	46	47	45	40	39	44
10	28	39	38	37	36	34	29	21	24	29	19	21	36	31	37	24	16	28	41	29	38	41	37	26	31
11	18	18	24	19	17	13	7	22	26	22	35	49	44	52	52	52	49	49	43	38	27	30	30	31	32
12	25	17	21	23	17	17	13	21	31	44	43	38	43	48	44	46	43	44	40	35	25	20	13	4	30
13	3	10	11	22	20	25	22	30	45	55	54	53	53	54	51	51	54	46	38	27	5	6	3	31	
14	3	8	6	6	5	4	4	4	24	34	46	31	37	43	37	26	20	24	29	12	7	5	3	3	18
15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
16	32	35	22	35	34	31	15	20	36	52	55	69	79	70	71	48	42	16	53	47	21	34	34	30	****
17	0	0	4	4	0	3	7	12	24	47	43	52	39	44	44	54	39	29	25	18	7	0	0	0	37
18	4	10	20	14	6	2	2	5	3	28	31	29	38	****	****	45	40	28	34	25	30	14	24	35	21
19	52	54	43	54	55	55	51	42	36	41	49	45	38	41	50	58	57	53	48	43	41	34	39	35	46
20	36	35	35	35	35	35	34	35	48	48	45	50	51	50	47	50	47	47	43	35	35	38	32	22	40
21	34	47	42	39	30	25	28	51	51	57	59	61	61	61	61	61	56	51	38	19	13	6	5	42	
22	2	2	1	1	0	0	0	5	25	41	45	41	57	51	51	43	49	45	16	4	16	20	7	25	
23	0	4	0	0	0	0	0	5	7	16	17	19	14	21	18	12	35	50	8	42	53	49	40	19	
24	45	48	50	47	44	39	20	25	22	26	32	63	59	67	68	73	64	44	59	13	46	57	73	64	48
25	62	61	57	52	41	51	35	21	24	35	25	24	32	15	25	41	26	13	6	0	0	0	0	2	27
26	20	24	24	23	17	21	36	46	50	52	54	54	53	56	57	58	56	54	51	41	30	24	24	12	39
27	10	7	3	3	3	8	17	26	35	55	58	62	68	69	65	66	66	20	44	46	38	23	28	31	35
28	45	50	56	29	29	32	24	15	15	21	24	43	52	58	45	23	30	20	18	13	11	9	6	5	28
29	10	17	24	7	3	4	3	3	9	17	25	26	22	30	28	27	34	28	41	26	41	15	8	21	20
30	27	7	10	4	4	4	4	4	5	7	10	20	26	32	51	32	49	32	44	24	15	18	64	55	71
MEAN	26	27	28	27	25	24	21	23	29	37	39	43	45	47	46	46	42	39	36	30	28	26	25	25	32



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT											UNITS - PARTS/BILLION														24	MEAN		
	STATION - WC		NO 29025		BARTON/WENTWORTH HAMILTON									MONTH - MAY 75															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN					
1	59	55	46	28	14	5	4	0	1	4	8	6	9	18	14	8	5	9	20	11	5	5	5	5	14				
2	4	7	11	19	22	16	10	12	27	42	52	54	55	50	48	44	50	54	45	26	22	24	35	33					
3	29	40	28	32	18	3	6	36	33	28	41	52	66	70	61	56	40	36	28	36	28	24	31	35	36				
4	14	12	51	17	12	21	14	10	12	14	25	50	47	44	37	41	21	12	18	39	52	52	53	55	30				
5	45	47	26	8	13	8	4	4	6	4	2	3	2	11	7	4	26	13	3	3	10	6	4	7	10				
6	4	10	4	5	6	5	4	7	13	4	8	7	10	15	18	24	24	29	30	7	4	4	4	10					
7	5	4	0	4	2	2	19	21	25	22	29	43	31	57	51	54	50	46	31	16	1	0	7	22					
8	17	25	35	24	14	2	1	14	16	18	21	24	26	36	66	35	27	17	14	14	5	1	1	19					
9	1	1	1	1	1	1	1	1	14	26	18	16	30	34	64	37	33	54	47	35	19	7	0	0	18				
10	0	1	6	7	2	4	9	42	39	21	44	39	54	58	63	72	70	68	57	32	6	1	0	0	29				
11	2	16	27	32	38	36	31	47	58	60	64	72	81	79	74	73	74	77	52	25	35	20	5	21	46				
12	29	20	29	19	7	2	2	4	10	12	9	9	11	9	12	6	3	3	2	1	5	6	0	0	9				
13	11	40	44	41	35	15	14	8	32	36	41	52	47	64	72	63	57	48	63	42	28	11	13	11	37				
14	9	4	2	7	7	4	4	12	16	41	59	83	88	101	102	91	89	87	67	43	24	31	51	76	46				
15	84	85	85	93	80	31	5	3	15	42	21	16	23	30	30	33	57	58	41	41	25	40	31	24	41				
16	27	33	32	33	33	23	30	32	34	38	43	62	80	87	73	75	71	51	73	22	17	11	0	0	27				
17	2	5	3	1	1	3	6	12	19	18	21	42	46	68	53	70	87	39	64	40	23	11	1	1	27				
18	0	0	14	11	10	50	72	63	68	55	57	70	78	80	83	87	76	76	65	58	52	45	49	56	54				
19	67	71	73	65	47	32	20	29	35	51	78	93	99	108	129	136	143	125	112	90	80	73	96	119	82				
20	112	101	89	80	68	40	29	40	66	80	83	87	75	69	72	89	92	84	66	61	57	58	75	75	73				
21	95	81	72	59	16	8	3	6	14	27	45	58	62	76	77	74	87	92	89	88	84	53	28	12	54				
22	22	57	37	26	2	2	4	6	14	47	61	69	83	75	53	49	68	74	57	6	12	0	12	8	35				
23	2	17	0	0	0	1	1	9	19	29	75	115	114	106	102	72	85	106	88	105	75	17	3	2	48				
24	3	26	30	32	28	19	14	51	82	65	74	65	71	96	65	68	69	60	50	34	15	47	5	2	45				
25	18	22	42	42	38	53	35	23	49	37	27	19	18	13	20	19	25	9	36	39	14	15	12	21	27				
26	29	36	46	56	51	30	22	23	32	45	57	64	69	65	69	58	62	52	37	46	28	31	26	28	44				
27	31	40	41	51	47	33	26	29	34	43	51	56	56	54	44	40	42	42	34	28	16	9	10	18	36				
28	21	29	31	34	29	15	15	20	31	39	46	51	53	57	59	62	63	61	54	28	10	0	0	0	34				
29	0	0	0	0	0	0	0	6	13	21	16	23	57	44	47	35	30	28	32	16	16	22	33	28	19				
30	17	14	19	24	25	6	1	1	9	26	35	32	23	20	23	36	46	46	39	32	35	37	31	24					
31	34	34	40	38	34	29	26	27	36	40	51	54	56	48	61	62	60	56	48	41	30	31	26	19	41				
MEAN	26	30	31	29	23	16	14	20	28	33	40	48	53	57	56	52	56	54	47	37	27	22	20	23	35	0			

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT											UNITS - PARTS/BILLION														24	MEAN
	STATION - WC					BARTON/WENTWORTH						MONTH - JUN 75															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23				
1	24	30	28	26	25	17	23	30	34	42	54	49	54	54	44	46	53	48	42	26	12	2	4	13	33		
2	22	22	22	23	16	4	4	8	22	31	34	41	43	41	40	35	41	34	29	37	24	44	41	29			
3	39	50	49	41	38	11	6	0	16	42	39	29	21	19	18	22	22	24	13	1	0	0	7	21			
4	12	12	23	25	17	4	10	17	30	40	46	48	53	50	45	36	32	32	25	27	20	25	22	21			
5	11	9	10	18	16	6	1	***	3	4	3	16	11	1	5	18	21	4	9	7	26	27	16	5			
6	13	50	49	45	28	23	19	29	33	34	37	37	31	26	23	22	23	24	24	17	13	8	9	27			
7	12	19	22	21	16	15	13	8	7	18	29	30	31	26	31	27	23	23	23	15	14	15	14	13			
8	13	13	13	13	9	11	12	17	20	22	23	26	39	47	46	44	47	49	41	13	4	13	3	9			
9	14	12	12	12	6	1	2	14	5	13	16	35	43	34	23	18	13	11	6	2	0	18	3	0			
10	0	0	0	0	0	1	4	6	10	16	20	25	32	25	24	24	19	12	17	7	5	9	3	10			
11	17	4	1	1	0	0	3	7	14	20	48	39	30	28	17	21	27	5	13	16	11	7	16	18			
12	17	18	19	20	16	15	10	13	20	34	45	51	56	60	62	50	54	60	49	51	45	46	38	39			
13	45	50	44	41	39	29	28	21	29	33	33	29	34	36	35	38	44	47	37	22	26	29	35	39			
14	40	49	48	38	35	30	37	44	55	58	53	58	80	87	89	92	94	104	107	92	80	74	83	71			
15	67	64	61	56	48	36	27	34	42	52	71	87	95	91	89	96	99	85	70	55	47	43	45	54			
16	59	58	52	38	32	23	21	22	30	33	39	48	58	52	49	45	51	57	58	48	33	22	23	36			
17	50	52	49	44	34	12	15	22	30	33	39	48	58	52	49	45	51	57	58	48	33	22	23	36			
18	66	57	53	50	47	24	25	32	43	53	64	74	78	78	89	90	94	100	104	89	76	64	55	67			
19	68	68	62	54	50	8	0	1	***	7	18	30	31	68	66	60	63	61	48	35	20	16	7	10			
20	13	14	10	9	1	0	4	10	12	22	25	23	14	7	17	12	15	18	17	11	1	0	0	0			
21	0	0	0	0	0	0	3	15	28	17	23	53	49	59	58	68	54	65	88	51	42	24	39	44			
22	19	0	0	0	0	0	3	15	29	70	111	115	133	127	126	136	130	118	124	119	98	106	98	95			
23	92	78	68	61	53	32	21	30	48	72	92	108	112	102	81	88	103	88	81	76	63	49	43	50			
24	50	48	44	36	18	11	9	5	7	31	53	41	39	35	42	43	49	21	43	23	23	24	27	21			
25	15	11	6	4	4	4	3	13	27	26	34	28	17	24	20	24	27	39	17	11	10	2	0	15			
26	3	6	0	0	0	1	3	6	24	25	30	41	64	69	71	76	55	38	40	46	44	32	25	22			
27	23	26	20	24	1	0	0	2	14	32	53	62	61	70	73	35	49	90	88	83	44	58	33	27			
28	10	1	5	18	9	22	6	33	30	79	123	109	***	***	***	***	***	***	***	***	***	***	***	***			
29	0	0	11	38	47	55	52	48	50	55	44	51	47	35	72	73	62	51	61	41	24	24	4	13			
30	11	2	0	0	0	0	4	20	30	43	56	57	51	62	56	53	52	50	35	25	41	20	0	0			
MEAN	28	27	26	25	21	13	13	18	26	36	46	51	52	52	52	51	52	50	48	40	32	31	27	28			
																								35			



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION														
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON												MONTH - JUL 75														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	- DATA INVALID -																									
2	***	***	***	***	***	***	***	***	***	86	97	107	95	95	99	94	114	121	104	92	87	79	82	88	***	
3	81	79	76	60	53	15	26	30	42	73	73	57	***	86	77	72	58	45	34	20	7	0	13	18	48	
4	17	18	24	23	20	8	10	18	27	41	54	74	83	79	64	62	68	76	80	65	36	2	7	7	40	
5	10	14	18	24	25	18	16	18	24	47	67	86	75	63	61	58	60	56	52	34	21	24	21	24	38	
6	12	9	0	0	11	7	15	37	57	66	61	60	87	93	101	92	101	90	98	90	47	48	29	2	51	
7	0	0	0	0	0	0	9	31	53	50	66	86	79	86	91	84	98	98	76	43	52	8	0	0	42	
8	4	9	22	20	18	4	8	32	73	82	96	122	120	122	109	92	84	73	64	44	29	35	30	34	55	
9	42	28	37	33	30	19	17	20	***	34	40	47	50	49	54	52	45	50	47	29	25	7	14	32	35	
10	54	36	36	31	34	21	15	24	35	40	39	26	11	20	22	20	42	54	34	40	22	18	22	20	30	
11	23	28	24	21	17	10	5	5	8	13	21	26	28	30	41	36	37	32	32	22	12	14	16	13	21	
12	4	0	3	3	1	1	2	12	15	32	56	65	79	88	91	88	84	81	82	79	74	59	62	31	46	
13	25	19	4	1	13	18	13	31	46	57	66	62	69	99	113	109	118	109	73	62	41	30	30	55	53	
14	58	51	44	38	30	27	31	37	48	59	58	56	54	56	52	52	65	77	73	64	54	41	31	42	50	
15	45	42	40	36	30	15	6	14	41	56	68	70	77	89	87	96	91	99	85	64	56	62	68	82	59	
16	76	84	63	44	46	7	13	18	52	76	89	93	104	97	91	88	93	103	91	78	63	60	42	46	67	
17	81	88	77	70	54	25	33	47	64	71	82	101	121	106	88	81	96	91	89	80	75	62	33	37	73	
18	63	77	98	106	90	57	36	53	71	67	78	91	***	***	***	93	105	113	118	118	105	87	75	76	85	
19	70	62	52	43	41	40	41	44	42	37	42	47	65	77	80	84	83	85	82	56	47	44	45	39	56	
20	39	45	48	47	39	26	20	26	26	47	38	28	36	45	55	50	40	25	28	30	25	25	31	37	36	
21	41	43	43	45	28	5	11	16	27	34	36	36	34	38	38	31	34	30	26	21	15	9	4	2	27	
22	2	10	13	14	15	8	7	8	11	26	35	39	50	46	45	45	55	58	53	43	42	31	51	85	33	
23	88	92	80	64	54	22	13	12	19	38	59	56	55	52	57	62	71	80	69	70	52	22	30	78	54	
24	106	103	97	95	84	74	70	64	58	58	63	76	84	74	71	68	66	65	60	46	44	38	33	33	68	
25	33	35	30	24	23	17	13	14	17	23	27	29	28	26	25	29	37	38	38	32	22	19	13	2	25	
26	10	14	12	12	11	9	8	12	18	31	34	39	44	43	42	31	44	51	45	29	28	27	28	14	27	
27	14	10	19	26	37	42	40	43	50	61	73	80	86	90	98	102	95	63	42	20	3	2	2	7	46	
28	22	27	26	22	21	8	7	10	20	27	32	35	35	27	26	32	27	25	19	9	2	1	2	3	19	
29	2	2	6	3	2	1	3	2	10	25	35	52	51	64	47	48	48	31	26	14	15	9	8	19	22	
30	22	10	16	17	13	1	2	8	25	41	48	68	98	92	83	77	63	60	61	37	21	13	4	11	37	
31	15	25	34	37	38	16	12	43	75	81	85	108	149	133	119	113	108	121	108	107	92	95	65	36	76	
MEAN	37	37	36	33	30	18	17	25	38	49	57	64	70	71	70	68	71	70	63	51	40	32	30	32	46	3

- NOTES 1. \*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION													
STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON												MONTH - AUG 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	28	34	21	10	5	4	15	50	66	91	83	84	91	92	97	102	108	115	97	97	96	86	89	66
2	86	95	107	111	96	66	65	75	91	112	138	156	157	192	183	164	151	135	124	104	76	40	18	16	107
3	5	73	69	73	79	54	37	57	70	63	94	74	64	57	56	77	62	48	83	34	45	26	12	13	55
4	17	16	7	16	21	17	36	38	44	46	48	53	58	51	53	57	56	51	47	23	24	19	10	13	34
5	8	23	22	16	11	2	3	24	15	19	29	26	43	49	36	27	38	36	28	28	24	22	24	20	24
6	20	17	13	4	4	2	3	6	5	8	5	11	15	20	19	17	17	17	8	3	3	1	0	0	9
7	1	0	1	1	2	6	0	2	18	15	27	39	45	40	45	34	40	49	47	27	22	23	19	6	21
8	16	9	14	4	0	0	0	2	11	34	45	56	50	59	57	51	59	54	35	16	24	19	13	11	27
9	14	36	36	27	26	23	18	36	55	77	93	102	105	113	110	113	114	115	116	116	124	121	108	105	79
10	89	79	74	79	74	61	53	57	59	71	83	88	96	94	102	103	103	88	88	86	74	81	83	93	82
11	107	97	79	68	46	25	21	22	29	41	49	64	82	71	71	62	75	69	58	48	49	39	10	5	54
12	6	7	14	14	9	3	1	4	10	21	39	50	56	65	66	50	54	26	23	20	24	24	8	11	25
13	23	26	23	18	0	7	13	21	***	40	42	48	55	68	72	76	89	92	88	74	62	69	51	36	48
14	28	32	29	25	19	6	5	8	22	28	40	43	47	46	37	30	31	21	9	7	9	3	4	1	22
15	1	0	2	2	1	0	0	0	2	2	8	8	9	6	10	10	18	32	12	5	2	13	5	8	7
16	10	4	0	0	4	4	9	20	28	39	47	70	115	78	90	75	73	52	49	47	70	56	51	48	43
17	25	44	44	36	42	49	41	30	40	51	63	78	86	102	110	115	103	91	82	75	65	62	40	53	64
18	41	33	29	24	14	5	2	11	20	26	***	36	34	30	31	32	37	32	28	22	7	4	3	4	22
19	0	4	4	4	6	2	1	3	13	24	34	34	34	40	42	41	40	39	25	12	9	18	12	4	19
20	6	8	12	9	3	1	2	3	4	***	***	35	43	49	42	33	29	30	27	23	11	4	2	1	17
21	0	0	1	0	0	0	0	0	1	1	1	13	2	32	32	25	24	36	27	15	25	16	30	34	13
22	33	33	29	31	30	21	18	24	35	41	37	40	40	45	19	16	14	19	15	1	1	1	0	0	23
23	0	0	0	0	0	0	1	3	7	36	27	25	24	22	22	19	18	16	13	10	3	8	2	2	11
24	2	2	2	2	2	2	2	4	35	35	37	32	27	27	29	20	19	14	5	0	0	0	0	0	14
25	14	29	29	28	20	10	5	8	19	37	46	53	55	58	63	62	62	63	65	64	61	51	46	47	41
26	47	56	52	48	46	25	11	12	10	27	47	42	41	9	9	6	9	22	16	4	4	6	8	13	24
27	23	35	30	23	26	14	6	7	17	32	30	42	41	41	44	42	41	39	22	2	4	0	0	0	23
28	0	0	0	0	0	0	0	1	5	15	26	25	***	48	64	74	79	61	55	27	8	14	1	0	22
29	18	0	2	0	0	1	1	2	3	6	6	11	6	15	9	3	4	8	0	0	0	0	3	12	5
30	13	10	9	10	4	2	1	4	15	13	5	7	12	10	15	18	23	28	23	18	16	8	15	12	12
31	13	20	13	11	8	9	12	12	7	7	8	10	18	16	16	25	27	15	3	2	7	8	9	8	12
MEAN	22	26	25	23	19	14	12	16	25	34	43	47	52	53	53	51	52	49	43	33	31	27	22	21	33



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT											UNITS - PARTS/BILLION													
	STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON											MONTH - SEP 75													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	4	2	0	0	0	0	1	2	3	4	5	9	16	24	30	30	25	17	14	6	5	4	20	9
2	31	33	31	29	31	13	10	7	9	24	37	40	41	38	33	31	33	32	25	19	19	14	5	7	25
3	7	6	5	7	5	4	4	8	14	12	13	30	23	25	21	17	15	18	8	0	0	0	0	0	10
4	0	0	1	6	16	8	4	12	21	26	29	29	***	34	31	32	34	29	20	9	4	4	7	6	16
5	5	14	15	17	17	4	1	2	7	15	22	26	23	19	12	10	16	3	5	3	0	0	0	7	10
6	10	14	17	11	4	1	6	13	25	29	31	30	31	33	32	31	30	22	14	2	2	2	1	4	16
7	15	15	14	3	4	3	2	11	26	25	27	27	30	29	30	26	35	47	32	31	42	41	28	41	24
8	60	64	61	58	51	28	11	16	20	22	25	30	30	29	24	19	20	20	16	14	13	12	10	10	28
9	12	13	12	10	5	0	0	1	6	14	21	22	27	30	31	27	28	27	11	5	1	0	0	0	13
10	0	0	0	0	0	0	0	0	0	4	17	22	12	21	30	30	21	30	11	1	4	6	6	1	9
11	0	22	29	28	26	19	9	13	19	26	48	55	47	38	23	20	29	27	20	21	23	15	28	29	26
12	29	30	30	23	16	4	2	2	2	6	17	19	24	24	20	19	16	16	12	9	4	10	8	7	15
13	7	12	13	15	16	11	5	9	18	19	20	19	21	30	28	23	19	20	13	4	5	9	6	4	14
14	5	8	8	10	10	5	3	13	20	24	24	25	28	27	27	27	30	24	11	5	6	1	1	1	14
15	1	1	1	1	1	1	1	1	1	8	23	36	19	18	18	26	19	22	10	1	0	0	0	0	9
16	0	15	0	2	0	0	0	0	0	0	9	24	27	38	5	7	8	24	10	0	0	0	0	0	7
17	7	7	5	9	9	4	0	0	35	72	56	43	51	55	45	48	55	46	45	26	23	28	26	7	29
18	17	11	24	12	3	9	4	1	4	3	6	6	16	9	9	8	14	9	5	2	2	2	2	2	8
19	2	15	19	19	9	3	1	1	***	14	30	44	53	52	46	39	50	42	10	2	0	8	13	31	22
20	29	19	24	25	15	14	24	14	15	14	15	22	32	39	39	37	40	39	29	20	21	9	17	18	24
21	10	17	19	15	11	6	4	6	6	6	15	21	22	15	18	24	23	17	16	16	12	9	9	7	14
22	12	9	9	8	8	8	8	8	8	8	12	11	18	17	18	14	12	10	8	6	4	4	4	4	9
23	6	11	8	6	3	3	3	3	7	17	27	35	35	48	47	47	30	10	6	9	3	6	6	7	16
24	17	17	18	14	9	3	3	3	3	3	4	6	6	4	8	10	11	9	5	3	5	3	4	4	7
25	4	4	5	4	3	1	2	1	2	4	2	2	2	2	2	1	1	3	1	2	1	0	1	1	2
26	0	0	0	0	0	0	0	0	0	1	1	2	4	6	6	4	3	2	1	2	1	0	0	0	10
27	5	6	8	10	5	3	3	5	7	13	16	13	16	25	21	27	23	5	7	3	3	3	3	3	10
28	4	9	8	10	14	13	10	12	15	20	28	31	41	45	44	42	37	26	22	28	16	1	1	1	20
29	1	1	1	1	1	1	1	1	4	6	18	18	16	19	26	18	16	38	29	11	7	3	6	2	10
30	4	6	46	48	35	18	11	8	22	37	44	46	50	51	46	50	45	46	38	33	20	10	22	35	32
MEAN	10	13	14	13	11	6	4	6	11	16	21	25	26	28	25	25	25	23	15	10	8	7	7	9	15.0

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT											UNITS - PARTS/BILLION														24	MEAN
	STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON											MONTH - OCT 75															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23				
1	40	39	36	37	27	16	14	12	29	21	12	9	8	6	5	5	5	5	5	5	5	14	9	15			
2	9	11	11	18	19	10	6	8	25	25	26	27	27	25	26	27	27	13	5	3	2	2	2	15			
3	3	11	13	17	17	7	4	8	16	23	29	39	38	38	38	40	38	44	45	45	45	34	28	28			
4	22	17	12	12	3	4	4	5	8	18	25	34	29	39	50	45	19	17	19	5	1	0	0	16			
5	3	3	2	2	2	1	1	2	4	4	6	13	18	16	10	9	6	5	5	4	11	16	21	36			
6	42	40	44	43	39	23	13	12	24	29	31	34	35	34	31	30	30	24	11	6	6	6	6	25			
7	9	14	16	15	8	6	3	3	11	15	17	18	17	16	17	17	8	2	1	1	1	1	1	9			
8	2	2	2	1	1	1	1	1	1	6	7	12	15	***	***	18	16	10	19	22	6	11	8	3			
9	13	13	0	1	3	2	0	1	***	5	3	2	2	1	1	1	3	2	2	1	0	0	0	3			
10	3	6	4	2	6	2	7	16	17	20	18	23	19	17	24	20	17	24	30	44	32	37	32	29			
11	23	9	13	11	16	9	5	7	9	11	14	10	11	9	6	11	8	7	8	15	14	12	15	11			
12	10	9	11	8	13	12	12	10	15	18	31	40	39	32	28	25	24	15	8	7	2	2	2	16			
13	3	13	30	19	7	16	10	8	20	20	12	15	27	36	40	52	57	66	63	54	58	52	34	31			
14	19	30	49	52	45	31	7	6	6	9	26	35	34	25	18	16	10	7	0	2	1	0	2	47			
15	54	52	50	49	43	23	20	24	31	39	41	38	32	22	26	15	15	12	10	13	14	18	30	27			
16	28	24	22	22	18	0	0	0	***	7	11	13	12	11	15	15	15	10	7	15	11	3	3	12			
17	5	5	7	3	3	0	0	0	0	11	13	18	17	14	11	14	10	9	12	8	9	8	9	9			
18	9	12	8	3	2	1	0	2	5	7	6	10	13	14	13	11	15	13	15	13	12	11	10	9			
19	8	5	5	5	5	3	0	2	5	4	2	0	2	4	9	3	0	7	4	6	9	18	7	23			
20	11	15	17	16	12	6	0	2	3	6	8	12	13	11	9	8	7	7	7	6	9	18	7	23			
21	30	37	41	39	36	22	16	14	19	8	22	33	42	39	39	32	28	23	21	27	0	4	1	16			
22	27	24	17	8	6	0	0	0	0	2	6	14	17	28	29	21	11	7	5	0	0	0	0	9			
23	0	0	0	0	0	0	0	0	0	2	2	9	44	54	57	50	39	35	5	0	3	0	0	13			
24	0	0	0	31	55	4	0	0	2	4	11	30	33	30	35	31	19	18	0	0	0	39	48	51			
25	51	53	54	52	51	44	42	37	28	26	25	19	17	13	13	11	11	6	5	8	8	4	1	24			
26	2	6	8	11	11	3	3	6	6	8	15	30	35	38	35	41	38	23	17	17	9	3	3	16			
27	4	3	3	3	3	3	3	3	3	3	6	8	15	24	21	10	17	11	3	0	0	0	0	1			
28	0	0	0	0	0	0	0	0	0	0	0	12	22	28	33	34	30	15	17	11	4	2	2	9			
29	2	5	20	19	19	15	19	18	21	***	27	28	25	24	22	21	19	24	25	29	28	26	25	25			
30	30	28	29	30	31	31	26	24	23	27	30	32	36	35	35	30	26	22	19	10	15	12	12	2			
31	3	3	3	3	3	3	3	3	3	6	13	18	21	18	20	19	7	0	0	0	0	1	0	2			
MEAN	15	16	17	17	16	10	7	7	11	13	17	22	24	24	23	21	17	14	12	12	10	11	10	13			
																								15			



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION													
	STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON												MONTH - NOV 75													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	8	7	5	11	14	18	17	15	15	23	15	13	19	17	14	16	11	11	11	10	9	13	8	3	13	
2	4	4	4	4	4	5	4	4	4	4	5	7	14	10	16	16	22	26	18	18	14	12	14	11	10	
3	8	34	31	24	18	16	12	3	3	7	27	24	27	19	11	9	6	6	8	7	8	12	12	15	14	
4	22	23	20	13	13	13	7	4	10	16	21	25	29	27	29	22	8	2	2	3	21	18	11	22	16	
5	28	28	32	29	25	22	8	0	2	***	26	11	19	32	8	4	3	3	4	15	12	10	6	7	15	
6	3	6	16	17	6	7	6	6	6	6	9	17	25	38	28	15	6	5	11	8	4	4	6	4	11	
7	1	13	1	10	6	1	1	1	1	2	3	4	11	19	16	10	10	16	15	15	12	14	13	12	9	
8	11	12	18	19	21	17	16	14	14	14	16	22	29	36	34	27	22	11	4	3	3	3	3	3	16	
9	3	3	3	4	3	3	4	4	4	4	4	5	4	7	4	4	4	4	4	7	13	8	8	14	5	
10	3	5	5	3	4	4	23	20	16	15	12	27	23	24	22	21	21	26	25	30	30	28	26	25	18	
11	25	25	22	22	19	14	7	3	4	14	18	19	23	21	17	12	5	1	1	0	0	0	0	0	11	
12	0	0	0	0	0	0	0	0	0	0	3	2	2	1	1	0	0	0	0	5	4	7	7	1	1	
13	7	5	6	7	5	4	4	4	4	6	12	13	15	16	15	14	13	16	23	28	31	34	34	35	15	
14	35	37	37	34	37	38	34	27	27	31	34	35	36	35	33	31	21	19	13	18	12	10	5	3	27	
15	12	9	5	8	10	11	6	7	9	10	13	20	21	21	22	17	12	7	5	5	9	21	17	11	12	
16	9	6	6	11	19	16	10	5	6	14	18	24	22	23	21	18	5	2	4	7	6	2	5	2	11	
17	2	2	2	2	2	2	2	2	2	9	20	32	36	45	46	31	20	14	14	26	37	25	14	12	17	
18	7	7	6	6	6	6	6	6	6	9	9	7	11	8	5	4	4	4	4	4	4	4	4	4	6	
19	4	4	4	4	4	4	4	4	4	5	17	34	41	60	55	48	18	4	15	11	18	16	17	16	17	
20	11	9	7	9	1	1	1	1	1	1	2	4	5	3	2	2	2	2	2	2	2	2	2	2	3	
21	2	1	15	24	22	13	7	5	5	8	9	9	11	10	8	7	4	3	3	3	3	3	3	3	8	
22	2	8	17	21	28	29	31	35	22	35	26	26	24	19	19	19	17	12	16	12	11	14	18	10	20	
23	9	7	7	6	6	6	2	3	3	8	13	25	26	27	21	20	19	9	7	5	5	5	5	5	10	
24	5	5	5	5	5	5	5	5	5	5	5	7	8	5	5	6	5	5	10	10	8	6	6	6	6	
25	5	5	5	5	5	5	9	8	9	12	13	16	22	7	5	4	2	2	1	2	0	0	0	0	6	
26	0	0	0	0	0	0	0	0	0	0	1	2	2	4	3	2	1	1	1	1	1	1	1	1	1	
27	1	1	1	1	1	1	1	5	7	12	6	4	5	4	3	3	3	3	3	3	3	3	3	3	3	
28	3	3	3	3	3	3	3	3	3	3	3	3	6	14	8	10	4	3	3	3	3	3	3	3	4	
29	3	3	3	3	3	3	3	3	3	5	5	4	4	3	4	3	3	3	3	3	3	3	3	3	4	
30	10	13	15	19	20	16	14	29	34	35	35	33	29	28	28	29	29	22	24	30	24	29	30	29	25	
MEAN	8	10	10	11	10	9	8	8	8	11	13	16	18	20	17	14	10	8	8	10	10	10	10	9	11	1

NOTES 1 \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2 - INDICATES DATA IS UNAVAILABLE  
3 \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION												
	STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON												MONTH - DEC 75												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	29	27	28	28	28	28	21	16	19	21	24	21	18	22	20	15	9	7	8	10	11	8	8	8	18
2	7	7	7	7	7	7	7	7	7	8	8	8	8	10	8	8	8	8	8	8	8	10	14	8	8
3	15	16	20	20	19	15	10	5	7	14	23	29	29	30	33	24	13	13	9	5	3	3	4	15	
4	5	6	3	4	3	10	11	3	4	7	6	8	9	13	12	7	4	7	7	4	4	4	4	6	
5	2	2	2	2	2	2	2	2	2	2	13	***	15	15	14	8	5	9	15	19	22	21	21	20	9
6	27	29	30	30	29	29	20	25	29	21	16	17	15	18	21	21	22	24	23	25	23	24	22	21	23
7	19	12	9	12	17	12	10	9	11	12	7	10	9	8	19	19	18	17	11	10	12	5	10	13	12
8	3	4	8	7	1	0	0	1	1	1	1	4	9	11	11	9	4	4	4	4	3	4	3	0	4
9	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	5	8	7	6	6	16	18	23	20	16	12	6	5	3	4	6	7	6	7	8
11	4	4	4	3	2	0	0	0	0	1	5	15	26	26	24	17	12	3	2	4	0	0	0	0	6
12	0	0	0	0	13	11	6	6	3	18	19	18	13	17	11	10	8	6	6	6	7	9	7	9	9
13	12	10	7	5	6	7	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
14	2	3	5	7	11	18	21	23	24	23	22	24	27	27	26	26	23	20	21	23	22	19	17	25	19
15	27	28	28	23	24	23	16	18	***	24	22	2	3	6	10	15	15	15	17	15	17	20	24	25	17
16	22	22	23	24	22	17	9	4	2	5	11	11	8	9	10	5	1	0	0	1	2	1	0	0	9
17	1	1	4	6	7	7	2	1	2	5	6	7	13	14	15	13	8	7	6	8	10	11	10	10	7
18	14	16	17	17	18	20	17	16	17	19	22	26	30	28	23	13	5	6	14	14	15	16	18	20	18
19	21	22	21	20	19	19	12	15	11	***	11	9	***	***	***	***	***	***	***	***	***	***	***	***	***
20	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	1	3	5	10	13	20	2
21	23	24	23	22	23	24	23	22	24	24	24	25	26	24	17	4	5	8	4	1	0	0	0	0	16
22	0	0	0	0	0	0	0	0	0	2	2	2	3	4	5	3	0	0	0	0	0	0	0	0	1
23	0	1	20	24	14	13	9	9	12	16	28	31	29	28	23	18	12	2	2	1	0	3	8	8	13
24	13	11	14	7	0	1	0	0	0	0	4	7	12	14	12	5	1	0	1	2	0	0	0	0	4
25	0	0	0	0	1	2	2	0	0	6	7	6	3	1	2	0	0	0	0	0	0	0	0	0	2
26	0	0	0	1	3	5	4	3	4	3	0	3	8	12	13	14	14	13	14	14	12	10	1	0	6
27	0	0	0	3	9	10	19	21	25	26	25	22	20	19	18	5	1	1	1	1	1	1	0	0	10
28	0	0	0	0	0	0	0	0	1	5	8	10	14	18	22	5	3	1	1	0	0	0	0	0	4
29	0	0	0	0	0	0	0	0	0	0	0	1	9	13	8	1	3	0	0	0	0	0	0	0	1
30	1	0	0	0	0	0	0	0	0	***	4	5	3	4	4	3	2	3	3	2	2	2	2	10	2
31	15	15	17	15	13	10	8	5	5	6	19	***	***	7	6	9	16	8	0	0	0	0	1	2	8
MEAN	8	8	9	9	9	10	8	7	7	9	11	12	14	14	14	10	7	6	6	6	6	6	7	8	8



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	7.8	24	28
FEB	27	12.0	30	43
MAR	31	20.5	34	80
APR	29	32.8	48	79
MAY	31	35.0	82	143
JUN	29	35.0	80	140
JUL	29	46.3	85	149
AUG	31	33.0	107	192
SEP	30	15.0	32	72
OCT	31	15.0	31	66
NOV	30	11.1	27	60
DEC	30	8.8	23	33
YEAR	359	22.7	107	192

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	00 TO 10	11 TO 20	21 TO 30	31 TO 50	51 TO 80	81 TO 100	101 TO 150	151 & OVER	TOTAL
JAN	502	177	64	0	0	0	0	0	743
FEB	326	186	118	28	0	0	0	0	658
MAR	211	154	178	196	5	0	0	0	744
APR	101	81	124	288	110	0	0	0	704
MAY	178	100	98	156	158	37	17	0	744
JUN	137	115	118	165	104	41	22	0	702
JUL	85	84	92	162	159	87	37	0	706
AUG	231	109	98	127	98	38	32	6	739
SEP	353	152	121	78	14	0	0	0	718
OCT	350	176	102	92	19	0	0	0	739
NOV	430	154	92	41	2	0	0	0	719
DEC	470	149	105	2	0	0	0	0	726
YEAR	3374	1637	1310	1335	669	203	108	6	8642

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
98.7	0	0.0	6.1	15.4	27.7	52.7	72.0	91.7	104.5	192	22.7



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT														UNITS - PARTS/BILLION											
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO														MONTH - JAN 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4	11	8	13	19	18	17	12	14	16	17	19	18	19	11	6	0	0	0	0	0	0	0	0	0	10
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
6	9	5	7	9	9	8	6	4	5	8	10	11	9	11	10	10	3	5	12	9	8	11	9	6	8
7	6	2	2	4	3	2	1	0	0	0	5	8	13	8	9	14	11	4	1	4	7	4	7	0	5
8	0	0	0	9	16	12	6	3	1	2	2	3	1	2	4	2	2	1	3	3	5	1	0	2	3
9	3	3	4	5	3	2	0	0	0	3	7	13	13	12	12	8	6	4	7	5	2	7	5	9	6
10	10	13	16	20	14	14	13	6	5	7	10	5	3	3	4	3	2	3	3	8	1	0	0	1	7
11	0	3	20	23	12	22	23	24	17	14	26	32	28	27	28	27	24	16	20	18	23	21	21	28	21
12	29	27	25	23	26	27	20	19	21	26	25	23	18	16	14	14	10	9	4	3	9	9	7	5	17
13	4	8	3	8	16	17	13	5	11	13	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
14																									
15																									
16	11	8	8	16	17	12	1	0	2	12	24	25	26	23	19	4	3	0	0	4	5	2	8	9	11
17	2	2	2	3	3	3	0	0	2	9	15	15	13	18	14	6	3	2	4	7	2	5	12	9	6
18	5	8	8	8	7	11	13	14	15	15	16	18	18	16	12	7	2	0	0	0	0	0	1	8	8
19	2	4	6	13	19	23	24	23	21	17	17	24	25	24	23	20	17	16	13	14	10	16	18	17	13
20	18	23	23	23	22	18	10	2	0	2	5	8	9	10	7	15	15	18	21	21	14	13	6	6	13
21	3	5	12	9	6	4	***	***	***	***	***	***	***	4	5	4	1	0	0	10	12	4	1	5	5
22	0	0	8	26	27	28	20	10	9	12	17	16	18	17	12	8	3	0	0	0	0	0	0	10	10
23	0	0	0	0	0	0	0	0	0	1	1	4	4	8	14	8	5	4	4	3	1	0	0	1	3
24	1	3	2	2	1	0	0	0	0	0	0	1	2	5	***	***	***	***	1	1	0	0	0	0	1
25	0	1	1	0	0	0	0	1	1	1	2	2	2	2	3	2	1	0	0	7	10	4	5	3	2
26	5	3	5	7	8	8	9	6	6	8	15	27	20	25	25	26	25	22	23	26	26	28	26	2	16
27	0	1	1	3	4	1	1	0	2	9	25	30	29	22	24	24	18	5	5	4	1	0	1	0	9
28	0	0	0	0	0	0	0	0	0	2	6	7	12	22	18	12	3	3	4	8	8	6	6	4	5
29	4	5	5	14	21	14	5	2	2	1	2	0	0	1	12	6	2	0	7	17	22	26	21	22	9
30	24	25	30	30	28	26	15	1	2	5	11	16	18	15	***	10	4	0	0	0	0	0	0	0	11
31	0	0	0	0	0	0	10	0	0	0	6	18	25	31	26	22	11	4	4	2	2	0	0	0	7
MEAN	6	6	8	11	11	10	8	5	6	8	12	14	14	14	14	11	8	5	6	7	7	7	6	5	8

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT														UNITS - PARTS/BILLION											
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO														MONTH - FEB 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	7	10	11	18	18	19	9	7	11	13	20	26	26	25	23	14	8	9	7	0	5	8	4	13
2	3	3	8	4	0	1	3	5	0	4	13	25	30	25	24	23	20	16	1	3	2	2	2	1	9
3	2	2	3	7	29	28	14	1	1	19	24	31	30	34	32	29	19	9	5	7	7	10	8	9	15
4	4	6	1	2	2	20	14	0	0	0	3	17	20	24	22	17	10	6	6	2	4	4	3	1	8
5	0	0	0	0	0	0	0	0	0	0	0	2	2	2	3	2	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	1	1	10	3	5	5	7	7	***	1	***	***	4	0	3	0	5	11	3
7	9	3	37	32	36	31	27	15	16	24	30	38	38	38	38	35	30	20	10	3	4	4	4	3	22
8	5	13	11	11	14	13	11	8	8	19	34	41	41	44	37	36	33	26	19	19	17	17	22	20	22
9	27	25	12	16	24	30	27	24	23	26	28	24	30	37	39	37	29	25	18	15	18	11	8	6	23
10	6	15	12	19	14	9	6	0	5	7	11	15	16	16	8	7	5	2	4	9	16	17	21	21	11
11	9	10	0	0	0	1	0	0	3	7	14	***	47	39	44	49	22	15	7	1	0	0	0	0	12
12	2	2	2	4	6	1	5	0	1	7	11	***	22	37	28	26	15	10	2	1	0	19	34	29	12
13	35	36	34	32	25	15	14	2	4	20	32	29	***	***	***	***	***	***	***	***	***	***	***	***	***
14	19	17	12	21	39	25	23	18	18	23	28	25	28	32	32	28	26	23	19	23	25	26	32	30	25
15	27	23	31	39	15	17	15	8	16	14	21	15	21	21	25	23	22	19	28	23	25	22	21	12	21
16	4	0	0	0	6	12	11	19	28	35	35	35	37	39	29	22	14	6	2	2	3	4	5	15	15
17	2	2	2	2	2	13	42	22	24	22	29	34	32	22	16	18	19	22	20	15	3	0	0	0	15
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	4	3	1	0	1
19	1	0	0	3	2	8	6	2	2	6	15	27	37	35	30	25	10	3	14	27	21	9	5	9	12
20	7	11	34	35	36	31	22	5	2	5	9	27	31	34	30	20	13	15	10	6	5	13	7	9	17
21	8	5	8	11	3	1	0	0	3	7	14	***	47	39	44	49	22	15	7	1	0	0	0	0	12
22	1	4	7	3	4	0	1	2	7	14	13	20	24	19	9	6	5	2	0	0	3	1	1	0	6
23	0	0	1	1	1	1	0	1	2	12	15	18	18	7	2	1	4	12	18	25	24	22	19	9	9
24	25	36	43	45	45	44	33	23	15	15	***	13	10	14	14	10	7	1	6	5	2	5	4	16	19
25	12	14	19	24	24	22	19	15	8	17	24	21	23	20	18	21	23	14	15	13	23	21	23	27	19
26	37	44	46	46	42	42	32	20	22	38	42	43	47	46	42	47	40	38	32	30	35	37	32	35	38
27	37	42	44	44	43	43	32	27	26	30	34	34	38	42	***	31	31	25	28	12	16	11	5	7	30
28	9	15	24	20	16	9	13	14	20	21	20	17	17	14	10	11	8	7	3	19	24	24	29	23	16
MEAN	10	12	14	15	16	15	14	9	9	14	20	22	25	25	23	21	17	13	11	10	11	11	11	11	15

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT													UNITS - PARTS/BILLION												
	STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO													MONTH - MAR 75												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	26	27	33	39	36	40	37	34	37	44	44	43	43	41	44	35	34	29	19	17	12	14	22	18	32	
2	9	24	28	34	28	32	32	38	39	45	47	47	50	47	47	39	40	33	28	20	18	21	26	28	33	
3	38	40	39	34	40	40	30	18	19	28	33	36	***	28	30	27	27	26	17	19	28	26	18	14	28	
4	17	21	31	27	25	32	18	8	9	19	38	46	49	45	47	40	36	34	22	11	14	17	7	6	26	
5	2	5	8	5	4	2	2	1	3	14	20	22	28	34	35	***	21	21	14	19	22	26	23	25	15	
6	7	14	23	25	26	13	10	4	2	2	6	11	18	19	22	29	36	40	42	31	21	22	36	27	20	
7	26	31	37	26	35	40	21	10	15	15	14	25	21	15	6	20	28	30	27	37	39	29	35	28	25	
8	25	37	42	46	46	46	46	45	47	46	47	47	49	50	48	48	45	38	29	25	17	13	13	10	38	
9	7	2	3	3	1	0	0	7	14	31	41	54	56	60	58	58	60	53	57	25	21	8	2	1	26	
10	1	2	2	2	2	2	2	9	3	5	30	26	40	36	29	34	29	23	16	18	9	3	1	2	14	
11	19	13	8	30	25	21	8	4	6	16	27	***	45	37	47	54	47	31	34	30	32	34	28	22	27	
12	27	23	27	24	30	26	14	6	4	2	3	3	5	4	3	2	1	1	1	2	4	8	7	22	10	
13	26	43	54	75	65	66	52	43	42	46	50	46	50	53	44	45	36	27	21	26	21	22	21	17	41	
14	11	15	12	15	34	32	33	29	28	28	32	***	25	29	27	20	14	10	10	13	9	8	15	17	20	
15	20	25	23	22	10	17	15	20	32	35	45	54	55	61	64	61	59	71	50	35	6	5	13	17	34	
16	27	32	41	51	46	45	38	34	39	43	42	52	44	36	34	41	34	11	13	4	10	2	0	3	30	
17	14	25	43	45	59	61	44	29	31	45	55	63	70	72	82	63	46	35	24	19	20	34	22	15	42	
18	20	40	36	43	44	27	18	11	28	43	44	53	66	72	79	61	29	5	2	1	5	4	32	17	33	
19	44	31	16	24	34	43	36	18	12	15	16	15	17	13	9	7	2	3	3	6	15	18	19	24	18	
20	31	45	49	48	53	54	47	26	22	36	43	45	43	42	40	41	41	32	23	20	19	15	20	28	36	
21	34	36	46	45	47	44	34	24	19	***	***	26	35	36	35	34	28	20	24	25	28	28	34	35	33	
22	42	45	45	46	47	44	42	39	34	24	17	14	14	11	7	3	3	27	38	43	44	42	37	31	31	
23	35	29	37	37	33	31	34	36	45	49	51	53	54	54	53	52	50	40	29	7	4	1	1	1	34	
24	9	19	37	47	50	50	46	34	30	29	29	27	28	25	24	21	16	14	13	3	7	14	6	1	24	
25	0	0	0	0	0	0	1	1	2	13	20	20	15	17	20	32	32	24	21	8	14	19	24	26	13	
26	28	30	37	35	38	38	33	29	27	31	35	***	40	38	39	38	35	24	27	26	21	17	10	4	30	
27	5	7	14	36	38	40	30	24	24	28	34	36	40	40	38	41	34	25	22	11	7	7	3	5	25	
28	13	17	19	25	29	25	25	27	38	46	49	50	53	54	47	38	35	31	32	25	31	38	40	40	34	
29	46	48	45	49	46	37	27	17	14	6	5	22	18	23	38	50	52	51	47	43	28	39	41	44	35	
30	43	35	40	44	44	44	45	46	49	49	44	42	49	52	52	54	47	44	40	44	44	40	43	48	45	
31	48	51	45	44	46	49	39	35	39	43	53	55	58	58	54	48	36	30	15	9	2	0	0	0	36	
MEAN	23	26	30	33	34	34	28	23	24	29	34	37	39	39	39	38	33	28	25	20	18	19	19	19	28	7

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
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HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT													UNITS - PARTS/BILLION												
	STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO													MONTH - APR 75												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	1	10	4	1	11	23	20	8	10	16	24	29	****	50	45	35	29	40	19	17	30	22	19	24	2	
2	34	37	30	40	46	40	40	32	37	25	15	18	18	19	21	19	15	17	21	25	31	36	28	33	28	
3	40	53	56	56	46	48	39	24	25	31	40	40	40	44	47	43	42	42	41	41	45	48	51	49	43	
4	50	49	46	48	44	43	39	35	36	37	40	41	43	41	36	34	33	28	30	28	31	34	31	28	38	
5	31	28	33	34	35	36	35	32	35	37	39	39	41	40	40	40	35	34	31	29	29	39	40	34	35	
6	34	35	36	37	40	41	41	43	47	49	49	49	49	46	49	44	43	39	33	27	30	32	24	31	40	
7	36	40	43	40	39	35	30	28	27	36	40	****	43	48	46	43	42	40	35	24	20	18	22	23	35	
8	24	32	32	38	39	43	38	30	34	43	46	48	53	52	50	45	41	34	27	19	14	10	11	13	34	
9	20	40	52	52	46	42	39	36	39	43	45	53	59	56	52	60	54	36	28	15	27	28	20	21	40	
10	26	36	35	36	38	38	29	15	15	24	36	47	55	54	50	49	44	35	29	12	10	19	23	15	32	
11	27	29	38	37	34	26	16	18	24	39	44	55	60	59	59	52	49	46	36	31	28	28	32	30	37	
12	25	22	31	38	41	41	34	45	52	62	64	63	65	69	75	69	63	56	47	44	37	38	34	17	47	
13	15	17	23	31	36	36	42	56	66	71	71	72	71	74	65	70	69	65	51	35	15	8	8	11	45	
14	17	23	36	26	17	8	11	15	20	41	48	50	41	40	39	49	34	22	26	4	2	1	0	0	24	
15	0	0	2	15	39	29	27	16	13	****	23	23	31	28	16	21	18	8	9	22	13	21	23	29	19	
16	43	37	42	51	42	37	34	26	22	24	33	46	60	68	40	76	68	59	53	45	40	19	12	29	41	
17	5	5	16	47	45	39	31	30	42	63	29	44	68	70	60	74	59	38	28	30	53	54	45	27	42	
18	45	47	46	54	69	68	57	29	28	17	12	13	17	5	****	9	19	30	42	31	28	25	10	14	31	
19	29	53	44	37	43	58	59	49	43	53	60	55	46	43	51	51	51	47	42	35	40	43	39	34	46	
20	39	38	38	39	39	39	37	50	55	56	56	56	57	57	56	54	55	55	52	39	37	44	38	39	47	
21	48	53	52	46	52	55	53	51	51	57	59	59	****	****	****	58	53	49	27	24	14	13	10	4	42	
22	1	2	10	2	3	2	8	10	20	29	32	47	52	46	36	37	37	34	27	21	25	11	12	4	21	
23	0	0	0	0	0	6	22	49	74	89	87	7	51	52	59	68	67	68	42	5	35	62	58	47	40	
24	53	45	44	45	40	30	48	42	39	46	51	51	68	75	75	68	61	57	57	54	41	47	44	61	52	
25	63	61	68	72	73	68	56	35	39	26	20	21	24	****	32	19	16	25	26	12	9	14	5	5	34	
26	11	15	25	35	29	21	30	41	44	46	46	52	52	54	50	47	44	41	38	25	18	14	12	7	33	
27	0	0	0	3	11	8	22	45	57	65	65	64	66	67	68	66	62	58	46	17	17	14	24	21	36	
28	38	38	31	35	43	30	20	23	****	42	34	41	42	35	31	32	23	11	6	3	2	1	24	26		
29	18	18	10	11	15	1	1	3	16	30	42	40	54	54	54	53	53	63	61	64	64	46	37	28	35	
30	27	18	11	17	12	12	18	26	38	56	74	88	94	94	99	106	105	99	96	96	91	88	90		61	
MEAN	27	29	31	34	36	33	32	31	35	43	44	44	50	52	50	49	46	43	37	29	29	29	27	26	36	9



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT															UNITS - PARTS/BILLION											
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO															MONTH - MAY 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	78	78	76	70	57	38	7	0	0	1	7	6	7	14	4	4	2	1	1	1	0	0	0	0	19	
2	19	40	41	41	33	28	16	16	33	****	30	36	59	61	64	62	56	60	55	40	16	37	18	15	38	
3	4	1	1	0	0	0	6	21	31	28	53	57	93	86	89	85	75	71	38	41	84	94	72	78	46	
4	52	69	78	63	65	60	48	42	60	71	73	70	71	64	64	48	52	35	45	38	45	50	28	14	54	
5	34	40	32	29	38	24	13	6	5	18	22	21	15	17	14	13	19	20	21	31	46	21	1	2	21	
6	6	4	5	0	0	0	21	24	15	13	16	18	11	22	29	31	38	25	13	3	1	0	0	0	12	
7	0	0	11	15	25	22	6	11	27	48	35	40	47	39	37	62	53	41	43	31	4	1	0	0	25	
8	15	26	31	35	29	16	9	13	20	27	37	50	60	38	56	36	32	46	18	0	0	0	0	0	25	
9	0	13	23	0	0	17	7	****	13	37	42	47	47	36	45	39	27	31	24	16	4	1	1	1	20	
10	1	25	27	31	26	17	23	22	35	24	31	40	44	50	55	59	53	64	25	8	2	0	0	0	28	
11	0	0	0	1	11	4	2	25	38	51	67	70	80	70	76	96	97	91	68	46	36	1	4	23	40	
12	5	4	11	17	0	4	5	6	25	****	16	24	16	17	14	2	2	1	1	0	0	0	0	11	8	
13	48	45	40	44	45	23	2	8	30	45	49	66	71	59	67	63	58	52	48	26	26	19	3	2	39	
14	3	14	23	10	0	3	4	7	9	11	21	50	85	93	97	105	103	116	107	78	38	6	25	74	45	
15	101	84	57	28	44	10	2	13	21	40	70	72	67	68	73	76	69	54	19	5	0	15	38	45	45	
16	36	47	57	54	52	40	29	31	****	49	54	61	75	78	84	79	75	74	52	30	27	17	2	13	49	
17	14	2	19	27	8	21	17	22	50	62	76	91	103	111	107	114	99	85	78	79	80	80	67	8	59	
18	1	0	****	****	****	2	10	74	95	96	88	91	98	110	117	116	104	89	60	33	28	29	49	38	63	
19	0	2	19	36	20	26	47	49	52	53	61	87	66	90	103	115	107	135	130	94	2	0	2	54	56	
20	93	117	103	54	64	49	21	25	37	****	81	90	98	99	101	96	90	79	91	81	75	78	74	80	77	
21	42	33	37	82	74	32	9	3	24	76	90	95	100	103	85	69	88	109	81	86	40	56	41	45	63	
22	45	57	8	30	30	15	14	21	4	10	16	48	72	95	124	110	77	81	40	86	27	1	2	7	43	
23	9	11	0	1	2	12	21	11	7	15	51	129	137	131	113	105	108	126	86	70	86	104	41	0	57	
24	0	1	26	41	68	49	34	32	45	52	68	75	102	113	113	110	93	76	72	63	30	0	53	95	59	
25	103	88	81	77	96	91	77	65	57	57	63	63	69	75	80	90	100	80	67	72	78	45	72	58	75	
26	42	17	48	27	46	46	33	33	22	47	59	81	85	80	74	55	28	45	62	26	22	14	24	10	43	
27	4	22	15	61	72	51	39	34	46	53	68	74	75	74	62	53	51	46	46	35	29	11	15	22	44	
28	27	36	41	49	40	24	14	13	22	34	30	40	45	37	46	49	72	52	33	16	11	7	1	0	31	
29	0	0	0	0	0	1	4	17	46	54	72	70	63	81	70	66	68	73	92	73	64	62	60	57	46	
30	56	54	50	42	46	18	3	1	5	13	26	36	48	51	18	8	14	40	48	24	3	1	15	34	27	
31	46	53	65	70	54	44	25	18	30	51	68	76	78	84	77	83	70	51	59	48	53	33	15	16	53	
MEAN	29	32	34	35	35	25	18	22	30	41	50	60	67	69	70	68	64	63	52	41	31	25	23	26	42	2

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
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 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT														UNITS - PARTS/BILLION											
STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO														MONTH - JUN 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	31	34	44	46	39	39	52	50	54	67	68	66	61	65	72	58	54	51	45	25	15	14	10	45
2	11	20	24	26	23	21	12	10	11	21	25	35	43	46	47	60	30	39	22	38	37	27	31	61	30
3	66	69	46	41	51	41	21	25	54	63	69	61	53	53	56	56	46	44	40	20	1	0	7	19	42
4	1	1	2	0	0	2	8	23	52	49	65	81	111	117	91	70	62	45	30	39	27	20	30	34	40
5	33	42	51	60	63	55	36	27	24	26	25	23	13	12	14	12	4	7	5	12	0	0	1	3	23
6	9	14	21	25	14	11	6	14	****	50	51	48	44	36	32	24	28	28	18	15	6	6	4	3	22
7	4	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
8	13	20	26	27	26	20	13	13	15	27	37	39	37	42	30	38	43	41	38	20	28	36	37	27	29
9	24	18	7	4	5	6	9	13	45	59	57	57	55	56	57	55	58	68	61	59	39	49	57	52	40
11	42	52	50	42	31	17	7	27	52	61	67	77	94	111	116	88	82	58	7	18	39	37	32	31	52
12	23	25	17	12	8	0	0	0	4	17	36	****	67	****	****	63	64	57	54	37	46	54	40	30	31
13	48	48	49	51	47	38	19	10	8	18	21	19	19	21	34	40	54	55	56	37	18	5	0	3	30
14	15	3	13	49	39	29	21	39	49	61	67	63	86	98	103	107	107	102	97	98	104	58	77	60	64
15	29	44	51	48	49	50	50	35	40	84	86	92	108	116	127	129	116	105	98	78	68	44	53	69	74
16	58	61	66	59	45	24	11	11	17	****	50	24	40	48	51	56	47	52	73	61	54	53	49	34	15
17	36	54	65	60	46	13	15	28	34	50	61	78	89	****	96	98	97	119	101	91	77	53	57	71	65
18	62	70	48	49	52	41	7	9	34	38	49	66	77	83	82	77	77	82	83	72	53	22	8	2	51
19	4	3	1	2	10	17	2	2	13	22	32	60	70	61	62	59	55	54	51	38	12	8	14	12	28
20	25	21	21	22	23	17	9	7	****	22	29	38	29	23	14	21	30	31	25	10	3	4	4	7	19
21	1	1	4	2	0	2	5	20	49	49	54	61	80	98	116	110	118	105	87	87	75	47	40	26	52
22	5	1	3	3	4	13	21	32	68	59	86	144	183	186	201	177	171	157	141	111	96	95	94	61	88
23	51	67	64	64	56	41	25	19	28	48	73	124	141	129	105	83	73	80	62	35	10	12	26	12	60
24	38	52	48	46	58	43	18	7	13	40	45	60	66	53	42	39	34	35	27	21	15	9	6	8	34
25	10	9	11	11	16	12	6	15	31	41	43	47	44	41	49	49	40	38	38	33	19	25	8	2	27
26	1	5	9	12	19	14	8	15	42	52	71	77	76	83	88	94	108	120	102	102	78	44	12	49	53
27	20	23	14	17	11	17	23	31	41	55	77	****	79	99	110	113	119	113	106	90	79	57	20	11	58
28	50	27	1	1	3	14	28	57	72	97	108	126	124	133	142	129	175	118	121	82	55	31	1	3	71
29	9	19	46	53	55	43	31	36	47	59	74	68	68	63	53	44	45	54	54	39	28	7	4	6	42
30	15	24	36	30	25	27	20	36	57	59	64	69	71	77	89	89	88	91	83	64	51	31	21	9	51
MEAN	25	29	30	31	29	24	17	22	36	47	56	66	73	75	77	73	73	70	61	50	40	30	26	24	44



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION													
	STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO												MONTH - JUL 75													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	0	0	2	20	16	20	30	48	92	87	98	107	108	97	84	86	86	66	44	61	69	39	32	54	
2	26	9	4	25	23	26	16	15	61	77	91	128	135	145	135	91	102	115	107	95	91	86	94	92	75	
3	97	83	76	80	58	30	21	10	38	63	73	71	88	76	70	58	54	41	39	19	8	7	11	0	49	
4	1	8	16	24	24	16	9	11	20	***	38	43	72	72	92	113	143	65	31	15	6	5	5	7	36	
5	4	5	13	21	22	19	16	16	31	43	69	131	125	139	96	75	78	81	88	45	39	18	5	3	49	
6	0	2	0	0	0	3	4	16	32	57	54	76	88	107	123	109	104	104	126	107	48	29	25	37	52	
7	27	28	27	28	12	7	5	7	20	56	87	114	134	110	107	128	143	143	141	142	146	96	10	13	72	
8	15	0	12	46	43	31	17	31	38	63	97	124	125	127	126	112	101	76	57	36	32	37	32	26	59	
9	31	31	34	36	29	19	7	9	14	22	30	40	42	46	59	51	42	41	35	20	6	10	22	30	30	
10	35	42	45	44	43	32	15	13	22	29	38	42	****	37	55	42	48	63	42	31	10	10	9	9	33	
11	16	24	24	24	18	10	8	13	21	20	19	24	26	34	33	32	46	48	55	41	34	18	2	0	25	
12	0	0	0	0	0	1	4	11	24	44	60	71	84	81	75	88	90	86	84	72	47	34	44	14	42	
13	7	8	14	31	37	37	42	49	63	70	69	107	120	125	108	111	113	103	91	76	71	66	47	48	67	
14	69	71	54	57	45	48	27	23	37	51	63	74	79	75	63	63	67	73	61	46	49	38	38	38	55	
15	40	32	23	22	25	17	10	12	22	31	50	72	75	76	87	87	101	87	90	76	75	51	48	52	53	
16	63	31	34	29	47	37	8	10	38	59	57	99	138	128	139	128	136	142	120	95	86	74	40	13	73	
17	9	6	16	48	65	39	10	32	40	58	87	109	135	139	139	136	145	110	95	82	54	22	29	30	68	
18	11	32	30	21	19	13	6	13	24	40	66	114	117	119	102	94	105	107	92	83	75	60	77	82	63	
19	78	69	63	58	50	45	39	38	45	40	43	41	47	66	71	76	81	75	40	30	36	21	14	14	49	
20	12	9	18	13	15	15	21	20	22	21	27	50	38	31	37	43	51	31	22	14	12	4	4	19	23	
21	24	41	36	21	21	8	6	19	25	31	29	32	44	40	28	22	12	25	20	15	22	18	16	16	24	
22	13	16	16	19	15	10	9	13	19	15	19	42	51	63	61	47	44	42	29	13	11	12	7	5	25	
23	4	3	2	2	30	24	14	11	31	38	34	47	49	44	41	25	25	50	28	14	28	15	24	37	26	
24	35	26	39	51	28	17	21	48	60	46	56	***	***	68	72	77	80	78	74	61	49	15	22	32	48	
25	33	39	33	30	29	26	20	27	31	31	36	47	55	58	60	62	71	72	59	44	53	38	33	18	38	
26	15	9	14	15	19	16	20	27	31	31	36	47	55	58	60	62	71	72	59	44	53	38	33	18	38	
27	26	18	16	28	35	33	26	49	70	53	51	87	104	117	103	117	104	64	51	26	23	22	18	18	52	
28	20	20	21	26	22	18	19	23	39	45	44	48	46	43	50	46	48	46	43	29	17	15	16	15	32	
29	17	18	19	20	22	18	10	8	7	10	36	43	64	62	54	48	59	63	61	41	37	28	23	16	33	
30	9	9	9	9	11	11	9	10	12	38	60	76	60	72	116	73	68	40	34	25	13	0	0	0	32	
31	0	2	10	35	34	26	4	1	5	16	47	90	118	145	164	144	108	134	120	110	32	0	0	0	56	
MEAN	24	22	23	28	28	22	15	20	32	43	53	73	83	84	84	78	80	75	66	51	42	30	24	23	45	8

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT											UNITS - PARTS/BILLION													
	STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO											MONTH - AUG 75													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	2	9	7	0	0	11	7	16	39	57	81	100	115	146	115	102	90	104	101	82	41	0	0	51
2	0	2	0	0	2	0	2	3	19	57	104	153	146	147	178	159	142	111	99	135	62	16	19	30	66
3	22	21	55	59	84	79	64	88	70	64	73	69	73	61	77	95	94	82	74	66	66	48	20	16	63
4	4	0	9	10	11	35	32	29	32	36	36	43	43	51	72	61	69	50	24	14	9	5	4	2	28
5	4	19	16	20	25	17	8	8	8	***	17	22	34	34	37	32	26	22	17	11	11	11	11	12	18
6	13	15	17	18	17	9	0	0	***	7	11	14	12	15	14	11	15	18	16	12	7	3	0	0	11
7	5	12	17	12	18	10	5	5	9	17	28	33	31	32	29	27	30	29	22	11	6	0	0	0	16
8	0	5	11	5	9	6	2	0	0	14	35	46	40	43	53	61	69	79	69	58	22	7	2	17	27
9	14	21	10	13	21	34	25	23	41	55	86	113	119	121	119	115	108	98	77	80	80	66	54	59	65
10	62	70	70	66	58	49	51	47	56	73	90	88	107	122	118	111	114	107	79	64	56	57	69	39	76
11	43	59	63	52	38	44	30	29	28	32	31	47	75	91	87	91	59	51	46	26	37	18	12	4	46
12	1	11	9	9	18	9	2	2	***	9	15	38	58	71	66	42	26	35	36	20	18	15	7	0	22
13	2	1	1	1	1	1	1	1	3	10	15	27	27	24	24	36	42	50	37	25	28	15	22	34	18
14	31	31	30	30	25	13	7	9	19	29	36	37	52	45	50	42	27	18	13	10	8	0	0	0	23
15	5	10	9	11	6	1	1	0	***	5	12	20	19	19	15	19	19	24	24	17	18	16	6	5	12
16	2	1	2	5	11	11	8	12	22	31	52	75	84	90	86	87	89	88	85	79	65	62	57	52	48
17	24	21	22	16	1	2	8	26	45	52	39	50	87	94	88	101	90	79	68	55	41	29	23	22	45
18	25	25	26	25	21	11	2	6	12	16	22	24	29	30	31	30	31	30	27	15	11	7	7	12	20
19	11	9	12	5	3	3	2	2	6	18	27	28	31	30	32	26	18	16	12	10	7	2	1	1	13
20	2	3	5	14	16	7	1	1	2	9	16	36	34	23	34	42	27	35	26	16	3	1	2	2	15
21	1	4	4	1	2	1	0	1	1	5	3	11	9	20	33	20	2	1	1	1	5	10	19	7	7
22	5	4	17	26	36	25	11	16	16	18	20	21	21	19	18	20	16	13	5	3	3	1	1	1	15
23	1	1	1	1	1	5	0	4	10	22	39	43	50	53	57	60	45	31	20	5	11	13	4	6	20
24	7	4	1	2	5	3	3	2	2	5	4	10	14	17	9	5	7	6	7	2	7	1	4	3	5
25	2	8	10	8	11	5	2	3	5	10	27	52	61	56	53	45	42	40	25	20	10	9	6	9	22
26	22	8	21	23	28	9	3	6	7	9	10	29	23	25	10	5	7	19	5	1	1	1	2	4	14
27	6	10	5	6	11	7	4	6	12	21	27	26	26	27	21	25	27	26	23	5	2	3	1	0	12
28	1	1	2	4	6	5	2	0	1	7	12	34	45	55	69	85	79	45	37	18	37	40	28	35	27
29	31	34	43	48	44	29	11	19	30	32	24	30	31	29	17	15	13	19	11	11	5	10	19	23	24
30	20	21	32	31	36	46	27	27	34	29	28	31	32	36	41	54	51	38	40	19	20	17	17	28	31
31	24	26	30	31	35	31	24	28	36	42	44	48	50	44	43	43	43	39	35	28	27	33	30	31	35
MEAN	13	15	18	18	19	16	11	13	19	26	34	44	50	53	55	55	50	45	38	30	25	18	14	15	29.0



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT											UNITS - PARTS/BILLION													
	STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO											MONTH - SEP 75													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	30	31	32	31	32	35	31	29	31	27	26	24	19	13	17	25	17	14	8	1	1	2	12	5	21
2	4	6	6	13	24	2	0	2	24	37	38	40	32	26	21	21	18	16	7	2	0	0	0	0	14
3	0	1	0	1	3	3	1	6	***	20	26	28	29	35	27	35	30	25	15	9	8	3	0	0	13
4	0	0	0	3	4	1	0	7	23	31	27	33	35	37	38	32	34	30	21	11	6	9	7	2	16
5	0	0	2	2	2	2	2	6	10	12	***	24	37	19	14	13	10	4	1	1	0	1	4	7	16
6	1	2	11	13	1	1	5	18	34	41	43	44	42	40	38	35	37	31	17	12	7	16	17	8	21
7	8	9	9	6	9	12	13	20	26	34	33	34	33	39	40	46	52	41	26	31	8	5	18	24	24
8	21	45	61	64	42	17	3	13	23	35	36	38	38	34	34	27	25	23	14	14	13	14	12	14	28
9	16	18	17	17	13	2	4	13	23	***	28	31	32	33	32	33	26	27	7	9	2	3	0	0	17
10	0	0	0	5	3	0	1	3	6	7	15	14	11	18	32	34	22	34	17	14	23	25	10	28	13
11	39	44	15	0	0	0	7	10	14	20	36	49	48	51	47	24	19	30	17	17	20	28	36	30	25
12	32	36	34	30	26	15	3	2	3	16	14	12	23	27	15	20	10	6	2	1	8	9	3	3	15
13	3	4	8	9	6	5	2	6	10	14	25	23	24	28	29	31	28	23	16	9	3	3	5	13	14
14	2	1	1	1	1	7	12	20	19	27	26	26	29	32	28	32	27	15	4	0	0	0	0	0	13
15	0	4	6	1	2	2	2	2	1	8	16	22	26	47	37	19	19	9	8	8	0	1	2	0	10
16	2	2	1	1	1	1	1	1	1	2	2	3	3	8	10	11	9	11	6	3	4	0	0	0	3
17	0	0	0	0	0	0	1	3	5	9	55	57	70	75	76	77	59	54	71	56	59	64	63	75	39
18	75	83	92	93	71	42	18	6	13	15	15	19	14	17	21	30	34	32	31	32	29	28	23	23	36
19	25	23	18	26	26	7	1	1	3	10	4	15	28	61	42	52	28	20	17	12	2	15	20	22	20
20	14	5	2	6	17	13	4	22	10	19	26	22	31	41	38	44	41	31	15	27	23	10	1	5	19
21	2	9	9	8	5	5	3	5	7	9	11	14	15	19	21	17	15	10	4	4	13	9	5	1	9
22	5	3	4	3	0	0	0	0	0	4	8	16	12	5	9	8	5	4	2	2	2	0	0	0	4
23	0	0	0	0	0	0	0	0	0	1	5	17	26	18	20	21	17	11	1	1	0	0	3	4	7
24	7	11	11	9	8	4	2	1	1	5	5	5	8	9	12	9	11	4	0	0	0	0	7	8	6
25	7	14	15	14	14	7	2	0	3	6	7	5	6	5	6	6	5	3	3	4	5	6	3	3	6
26	3	4	4	3	2	0	0	0	1	1	2	2	2	3	7	5	0	0	0	0	0	0	0	0	2
27	0	5	8	11	19	11	4	1	3	10	12	15	7	23	17	12	14	10	0	0	0	0	0	0	8
28	0	2	6	12	14	13	7	15	19	25	32	29	31	44	41	44	40	25	9	24	10	0	0	0	18
29	0	0	0	0	0	0	0	0	2	8	16	25	30	36	48	36	48	60	44	32	34	36	40	44	22
30	42	20	21	22	46	22	10	11	14	21	33	47	44	40	44	34	26	36	39	23	14	6	2	10	26
MEAN	11	13	13	13	13	8	5	7	11	16	22	25	26	30	29	28	24	21	14	12	11	10	9	11	15.9

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT											UNITS - PARTS/BILLION													
	STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO											MONTH - OCT 75													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	31	37	39	29	20	3	3	4	4	2	2	7	3	2	3	2	1	1	1	1	1	7	13	11	9
2	11	11	14	11	7	5	2	5	14	15	18	22	21	21	20	19	17	9	3	3	3	1	1	1	11
3	1	1	1	2	2	2	1	3	9	11	16	24	25	***	20	24	9	32	24	16	5	21	6	4	11
4	6	7	2	0	3	0	2	4	7	22	37	38	43	52	54	50	52	25	14	8	5	6	0	1	18
5	0	0	2	2	0	0	0	5	13	18	27	38	38	44	39	44	50	25	2	32	35	19	10	12	19
6	19	37	38	29	25	10	0	5	20	32	35	39	43	42	39	32	23	15	5	1	0	0	1	3	21
7	6	7	7	4	6	3	1	3	13	23	24	24	27	29	18	23	16	7	4	1	1	1	1	1	10
8	1	1	1	1	1	1	1	1	2	5	5	11	12	24	30	26	16	20	19	25	22	23	23	25	12
9	25	28	30	31	26	17	14	15	14	14	15	16	16	16	8	8	9	12	10	7	4	3	2	1	14
10	5	10	6	6	2	0	0	0	0	2	8	10	8	7	9	***	4	1	2	9	15	24	23	35	8
11	38	13	3	4	0	0	2	4	13	14	15	17	15	15	18	17	13	8	4	5	10	13	9	5	11
12	4	11	13	18	17	21	14	17	22	28	29	36	37	31	29	24	24	11	12	9	6	0	2	1	17
13	0	0	0	0	0	0	3	13	23	6	20	28	23	30	26	32	29	17	7	12	0	0	0	4	11
14	25	39	27	28	32	21	10	3	4	12	15	39	44	40	36	29	14	17	10	16	6	0	0	0	19
15	0	2	7	3	5	3	0	3	4	5	17	19	19	15	10	2	5	7	4	9	8	2	26	28	8
16	28	25	21	17	7	2	2	4	11	11	10	13	14	12	11	10	8	6	5	5	6	9	9	6	11
17	5	5	8	8	4	0	0	0	2	8	13	12	13	10	8	5	3	2	1	5	7	8	7	6	11
18	4	6	11	14	16	12	9	9	9	7	8	7	11	10	12	13	11	7	4	12	11	14	11	11	10
19	8	8	13	12	6	13	7	8	8	8	9	7	3	3	5	4	3	2	2	1	1	1	1	1	6
20	1	0	1	0	9	13	1	0	1	2	3	10	12	7	9	3	3	2	1	1	2	10	8	7	4
21	4	27	19	26	18	8	2	3	5	5	9	23	22	28	21	9	9	1	3	6	3	3	1	3	11
22	0	0	4	15	16	10	0	1	3	4	14	14	12	14	10	5	5	0	0	4	2	6	4	8	6
23	11	21	19	12	6	3	1	1	3	11	12	27	24	21	30	29	14	12	14	29	32	24	27	16	17
24	0	0	1	1	1	0	1	0	0	20	21	31	54	62	57	59	60	38	15	54	29	46	28	38	26
25	42	61	45	30	27	19	42	24	24	23	13	13	18	12	14	15	12	4	0	0	1	1	1	1	18
26	0	0	0	0	3	4	9	8	10	16	31	37	30	33	37	34	26	11	14	10	4	1	1	1	13
27	3	0	0	0	0	0	0	0	2	8	0	16	26	17	14	13	5	1	9	1	2	0	0	0	5
28	0	0	0	0	0	0	3	1	3	5	7	11	15	21	14	15	8	5	6	5	5	3	2	1	5
29	1	12	27	29	28	25	19	5	10	15	15	17	17	16	14	10	9	3	3	7	8	9	9	13	13
30	13	12	22	22	19	21	20	12	10	18	25	24	23	24	20	17	12	3	0	0	0	0	0	0	13
31	0	0	0	0	0	0	0	0	0	9	8	****	17	9	9	9	4	9	9	2	2	7	9	4	5
MEAN	9	12	12	11	10	7	5	5	8	12	16	21	22	22	21	19	15	10	7	9	8	8	8	8	11



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT											UNITS - PARTS/BILLION														
	STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO											MONTH - NOV 75														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	5	3	5	4	8	7	8	10	6	4	4	5	7	4	4	3	2	0	0	0	0	0	0	0	4	
2	0	0	0	0	0	0	0	1	3	4	3	4	1	4	1	0	0	5	2	7	3	4	1	1	2	
3	1	1	0	2	1	0	0	0	2	7	8	8	7	5	5	2	0	0	0	0	0	0	0	2	2	
4	5	4	14	12	9	11	5	2	9	16	24	28	30	30	27	23	10	4	3	2	1	0	8	3	12	
5	2	5	19	17	13	11	7	1	2	11	22	21	23	29	30	7	3	1	1	3	3	5	5	1	10	
6	0	12	16	6	0	1	1	3	2	2	2	2	3	12	10	3	0	0	0	0	0	0	0	0	3	
7	0	0	0	0	0	0	0	0	0	1	2	4	3	2	1	1	0	1	2	7	2	2	6	0	1	
8	0	0	4	5	4	6	7	4	4	2	2	4	17	37	34	28	16	5	2	0	0	0	0	0	8	
9	0	0	0	0	0	0	0	5	22	21	26	27	28	19	21	15	10	8	15	21	29	20	21	19	14	
10	21	21	20	20	17	17	10	10	15	17	13	13	25	18	13	3	11	16	18	20	22	17	14	11	16	
11	14	17	19	16	9	9	15	5	6	12	16	22	22	13	8	5	0	3	0	2	1	3	3	1	9	
12	0	0	3	6	10	3	2	1	2	8	4	2	3	2	1	0	0	0	0	0	0	2	2	2	2	
13	7	5	2	2	3	2	1	2	4	7	7	12	13	7	8	9	4	3	9	7	11	17	20	22	8	
14	25	27	29	31	33	31	24	16	9	***	21	26	25	24	21	16	11	7	10	7	7	10	4	4	18	
15	2	3	2	7	2	2	0	1	7	6	10	9	13	18	16	11	10	3	1	1	1	0	0	0	5	
16	0	0	0	8	20	19	10	3	18	20	24	23	20	19	9	7	1	1	1	1	1	0	0	0	9	
17	1	2	9	4	2	0	0	0	0	2	3	5	**	12	13	16	9	2	1	1	0	8	7	0	4	
18	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	0	0	0	
19	0	0	4	5	3	0	1	1	1	1	3	3	3	4	2	0	0	0	0	0	0	0	0	0	1	
20	0	0	0	0	0	0	0	0	0	0	1	6	5	4	3	4	2	4	5	3	2	2	6	6	2	
21	6	4	2	0	15	19	5	0	0	8	6	3	6	5	4	3	1	1	1	0	0	0	0	0	4	
22	0	7	20	21	28	34	33	30	30	30	36	32	28	29	22	19	17	16	3	6	4	4	5	0	19	
23	0	0	0	3	3	2	4	8	10	13	18	19	19	18	15	12	7	9	5	3	1	0	0	0	7	
24	0	0	0	2	1	2	0	0	0	0	***	5	6	6	2	1	0	0	0	0	0	0	0	0	1	
25	1	1	10	9	14	16	10	9	13	14	12	15	12	8	5	4	2	0	1	0	0	0	0	0	7	
26	0	1	1	1	3	6	1	0	1	1	3	3	5	3	2	1	2	2	1	2	4	4	4	2	2	
27	3	2	2	7	5	4	5	3	5	1	2	2	2	1	0	0	0	0	0	0	0	0	0	0	4	
28	0	2	1	1	0	0	0	0	2	5	9	10	13	14	11	9	4	0	0	0	1	2	0	0	1	
29	0	2	3	11	16	17	21	21	19	14	13	15	12	15	13	10	8	8	3	1	0	0	0	0	10	
30	1	2	1	6	10	14	16	17	16	20	26	25	19	10	24	16	12	15	21	24	17	17	25	28	16	
MEAN	3	4	6	7	8	8	6	5	7	9	11	12	13	13	11	8	5	4	4	4	4	4	4	4	6	7

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT											UNITS - PARTS/BILLION														
	STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO											MONTH - DEC 75														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	25	29	29	29	28	27	17	15	8	16	16	19	23	17	18	16	7	1	0	0	1	1	0	1	14	
2	0	2	3	2	0	0	0	0	1	6	5	5	5	4	2	5	2	0	0	0	0	0	0	0	2	
3	3	11	13	24	19	12	8	2	1	6	11	17	***	26	22	17	5	1	1	3	1	2	2	2	9	
4	0	0	0	0	0	0	0	0	0	0	2	7	13	13	16	11	8	9	10	11	9	7	7	3		
5	1	1	1	1	0	0	0	0	0	1	3	7	7	9	7	2	0	0	0	0	0	0	0	1		
6	3	4	11	15	19	19	16	20	20	18	14	12	14	15	11	11	10	7	9	8	7	10	9	8		
7	5	3	4	6	9	11	9	4	6	9	7	8	8	8	11	12	9	7	9	11	14	8	0	0		
8	0	0	1	1	2	3	2	0	0	0	0	3	3	4	5	4	1	0	0	0	0	2	3	1		
9	6	8	8	5	6	6	4	2	2	2	3	3	4	6	6	5	4	3	1	1	1	1	1	4		
10	0	0	0	0	0	1	1	0	1	3	6	11	18	17	18	13	5	3	1	1	0	1	1	1		
11	2	3	3	1	1	3	5	0	1	4	6	13	17	22	15	***	2	1	1	0	1	1	1	1	5	
12	1	0	0	0	3	5	9	5	0	1	2	3	***	1	3	2	0	0	0	0	0	0	0	0	2	
13	0	0	7	13	16	18	18	15	13	10	7	4	3	1	0	0	0	0	0	0	0	0	0	0	5	
14	0	0	0	1	1	3	5	6	11	12	11	10	11	16	20	18	18	19	17	16	17	18	18	11		
15	27	25	22	15	7	8	9	2	1	0	2	5	7	10	12	10	7	5	3	5	3	1	0	1	8	
16	13	14	16	17	20	21	18	11	4	5	9	12	13	8	4	1	1	6	7	8	6	3	4	3	5	
17	0	0	0	0	0	0	0	0	1	3	4	5	13	13	13	12	8	1	1	2	1	10	15	21	12	
18	4	6	10	11	11	18	19	8	10	12	18	20	21	21	19	18	10	0	0	0	0	5	6	7	8	
19	24	21	21	19	18	20	14	2	2	4	7	8	7	4	2	0	0	0	0	0	0	0	0	0	6	
20	8	5	2	1	3	3	4	6	6	7	5	6	9	11	9	7	7	6	7	6	7	8	7	5	6	
21	6	6	8	9	10	12	12	9	10	13	15	15	15	15	12	6	4	1	0	0	0	0	0	0	7	
22	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	3	0	0	0	0	0	0	1	1	1	
23	7	8	8	11	13	11	10	3	4	6	18	21	23	24	22	16	5	0	2	1	2	3	5	1	9	
24	2	3	3	4	3	3	0	0	0	2	2	3	10	5	2	6	5	9	12	11	13	16	20	18	6	
25	17	19	24	21	17	13	12	0	0	1	2	4	7	3	0	0	0	0	0	0	0	0	0	0	6	
26	0	0	2	1	3	1	2	2	3	6	7	5	6	6	5	7	5	6	3	4	2	1	1	1	3	
27	1	2	4	5	5	6	11	15	14	12	14	17	22	22	21	16	6	0	0	1	0	0	0	0	8	
28	0	2	1	0	0	0	0	0	0	1	2	8	13	15	13	9	6	0	1	1	1	0	0	0	3	
29	0	0	0	5	1	0	0	0	0	1	5	3	3	4	5	8	6	4	2	4	4	6	4	5	1	
30	1	0	0	0	0	0	0	0	0	1	2	2	2	1	1	1	0	0	0	0	0	0	0	0	3	
31	16	21	23	25	26	20	6	1	1	1	2	3	6	6	7	6	2	0	0	0	0	1	3	3	7	
MEAN	6	6	7	8	8	8	7	4	4	5	7	8	10	11	10	8	5	3	3	3	3	4	4	4	6	1

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	25	8.6	21	32
FEB	27	15.0	38	49
MAR	31	28.7	45	82
APR	30	36.9	61	106
MAY	31	42.2	77	137
JUN	28	44.8	88	201
JUL	31	45.8	75	164
AUG	31	29.0	76	178
SEP	30	15.9	39	93
OCT	31	11.9	26	62
NOV	30	6.7	19	37
DEC	31	6.1	14	29
YEAR	356	24.4	88	201

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	00 TO 10	11 TO 20	21 TO 30	31 TO 50	51 TO 80	81 TO 100	101 TO 150	151 & OVER	TOTAL
JAN	413	128	81	2	0	0	0	0	624
FEB	297	140	120	95	0	0	0	0	652
MAR	129	113	152	285	57	1	0	0	737
APR	63	88	110	289	147	12	2	0	711
MAY	152	81	81	145	177	62	38	0	736
JUN	101	89	79	146	162	42	45	7	671
JUL	97	116	95	182	122	49	78	1	740
AUG	243	132	112	116	80	29	25	3	740
SEP	355	131	96	109	23	3	0	0	717
OCT	423	160	97	51	10	0	0	0	741
NOV	542	110	56	9	0	0	0	0	717
DEC	571	135	35	0	0	0	0	0	741
YEAR	3386	1423	1114	1429	778	198	188	11	8527

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT  
OF DATA  
VALID

MIN

10

30

CONCENTRATIONS

FREQUENCY DISTRIBUTION, PERCENT

50 70 90

95

98

99

MAX

ARITH  
MEAN

97.3

0

0.0

5.4

15.8

30.4

58.5

77.8

103.6

117.4

201

24.4



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - JAN 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	1	1	3	6	8	6	11	10	10	10	12	12	26	28	17	17	7
2	21	23	25	25	25	25	16	3	0	6	9	10	11	12	12	***	3	2	1	0	0	0	1	2	10
3	8	12	14	2	14	19	15	3	0	5	3	2	1	1	2	3	3	3	2	2	2	2	2	2	5
4	2	4	11	8	8	10	13	7	6	10	11	13	13	11	9	10	8	6	4	7	4	13	7	4	8
5	3	3	3	3	3	4	3	3	5	10	12	16	19	21	21	23	14	7	5	4	14	11	14	10	10
6	18	17	11	11	17	18	17	14	13	17	18	17	***	***	***	***	20	19	15	17	18	13	15	12	16
7	10	7	8	9	7	6	6	6	6	6	10	14	15	16	15	12	9	8	7	7	6	5	4	4	8
8	3	3	2	3	11	10	12	8	8	9	6	6	4	3	***	6	10	13	13	13	11	7	9	11	8
9	13	13	19	17	15	9	3	3	3	3	4	7	8	7	8	***	3	2	2	2	1	1	4	3	7
10	9	9	14	13	11	13	15	9	6	9	7	4	3	***	***	***	***	***	***	***	***	***	***	***	***
11														- DATA INVALID -											
12														- DATA INVALID -											
13														- DATA INVALID -											
14														- DATA INVALID -											
15														- DATA INVALID -											
16	***	***	***	***	***	***	***	***	***	***	***	***	***	***	9	6	5	3	3	3	6	9	7	1	***
17	1	5	8	4	3	2	1	1	1	4	11	13	12	14	12	7	2	0	0	0	0	5	4	5	
18	3	5	5	4	5	8	5	10	11	8	9	11	11	7	7	3	1	1	1	1	1	1	1	1	5
19	1	4	7	11	16	16	16	14	14	10	13	13	15	13	11	11	10	11	11	12	14	13	15	14	12
20	14	16	18	18	17	15	8	1	3	10	15	16	16	18	***	25	22	22	21	19	8	12	7	11	14
21	8	6	6	5	2	2	2	0	3	5	5	6	6	4	***	***	0	0	0	1	7	6	3	0	4
22	0	0	8	18	16	14	8	3	7	8	12	14	17	16	15	13	10	0	0	0	0	0	0	0	7
23	0	0	0	0	0	0	0	0	0	0	2	3	3	3	7	5	1	0	0	0	0	0	0	1	1
24	0	1	2	0	0	0	0	0	0	0	1	1	2	2	***	1	2	2	2	2	2	2	2	2	1
25	3	4	6	4	4	3	3	4	6	4	7	7	8	8	6	4	3	1	1	2	9	2	3	3	4
26	2	2	5	9	12	11	8	8	8	4	14	13	13	13	13	13	11	15	15	14	15	13	14	13	11
27	10	14	14	13	10	0	0	0	0	0	1	13	***	18	15	16	15	10	5	3	2	1	0	0	7
28	0	0	0	0	0	0	0	0	0	0	0	3	4	8	19	16	12	5	4	9	12	12	12	0	5
29	0	0	7	17	13	10	7	7	10	7	4	2	0	0	1	1	4	0	15	70	22	15	16	17	10
30	19	20	20	20	19	16	10	1	2	8	10	13	12	12	***	***	7	7	3	0	0	0	0	0	9
31	0	0	0	0	0	0	0	0	0	0	4	12	14	17	16	14	8	3	3	3	2	2	2	4	4
MEAN	6	7	9	9	9	8	7	4	5	6	8	9	10	10	11	10	8	6	6	8	7	7	6	5	7.4

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - FEB 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	4	10	13	17	19	19	17	12	6	14	19	22	21	24	24	22	17	8	1	1	1	1	1	1	12	
2	2	3	3	4	3	0	1	0	0	0	4	11	18	20	19	16	14	7	1	1	1	1	1	1	5	
3	1	6	12	19	21	16	5	0	3	12	16	16	***	19	19	15	10	4	4	4	6	7	8	10	10	
4	12	15	20	18	16	14	7	2	2	3	5	7	10	10	***	24	19	15	7	2	4	12	10	4	10	
5	1	1	0	1	***	0	0	0	0	0	1	0	***	0	2	3	2	1	0	0	0	0	1	1	1	
6	2	2	2	2	2	0	0	0	0	0	3	4	9	9	7	5	5	0	0	0	0	0	0	0	2	
7	0	5	20	20	19	19	13	6	7	12	15	***	***	19	19	16	11	6	8	1	3	3	3	3	10	
8	4	3	3	4	6	7	4	3	5	13	16	16	16	16	16	15	14	13	9	9	5	8	8	8	9	
9	14	17	20	26	26	26	25	22	22	23	23	23	21	21	19	18	17	12	9	7	3	3	0	1	17	
10	6	7	8	9	9	4	0	0	2	6	11	12	12	10	8	3	0	0	0	3	7	11	0	0	5	
11	0	0	0	9	7	7	5	0	1	8	12	***	24	19	25	16	19	11	9	6	1	0	0	11	8	
12	15	17	19	19	18	13	6	12	16	19	24	30	36	37	21	17	3	0	1	10	13	17	20	17		
13	18	20	18	18	14	7	0	2	10	20	18	17	17	22	18	12	7	4	0	0	0	0	0	5	11	
14	13	12	6	2	1	7	12	5	10	11	15	11	14	16	15	12	6	5	6	4	5	11	10	13	9	
15	14	4	1	0	0	3	20	14	1	16	9	11	18	22	26	25	22	24	25	16	18	20	2	1	13	
16	4	5	11	18	17	21	7	10	18	25	28	28	28	26	24	17	19	9	7	1	2	2	1	1	14	
17	2	3	2	5	12	9	6	17	14	25	25	24	27	24	24	25	28	32	34	25	12	0	1	0	16	
18	0	0	0	0	0	0	0	0	0	1	1	1	2	2	1	1	1	0	1	0	0	1	0	1	1	
19	0	2	1	2	4	9	7	1	1	8	14	17	23	21	19	11	8	7	8	14	5	1	1	8	8	
20	5	6	18	28	24	26	15	1	2	6	12	16	22	24	23	13	11	8	13	6	7	5	2	0	12	
21	0	2	1	0	0	0	0	1	2	4	10	12	***	32	34	37	28	4	4	6	4	5	2	4	8	
22	3	4	3	9	5	7	5	9	9	22	26	21	25	20	11	8	6	5	6	8	4	7	11	12	10	
23	3	10	7	10	8	9	4	12	19	12	16	14	14	7	6	7	8	5	10	12	22	20	26	35	12	
24	41	42	42	42	42	41	40	35	32	28	31	31	29	26	23	26	27	24	13	11	9	11	11	18	28	
25	17	15	21	15	16	17	18	11	5	9	17	***	***	***	***	***	***	***	***	***	***	***	***	***	6	***
26	13	16	16	20	22	22	18	15	17	21	27	27	25	18	18	32	28	21	24	14	20	21	17	24	21	
27	29	30	30	33	32	27	23	11	11	17	17	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
28														- DATA INVALID -												
MEAN	8	10	11	13	13	13	10	7	8	12	15	16	19	18	18	16	14	9	8	6	6	7	5	7	11.2	

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE -CHEMILUMINESCENT												UNITS - PARTS/BILLION													
STATION -												MONTH - MAR 75													
NO 33003												LAWRENCE/KENNEDY SCARBOROUGH													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA INVALID	-											
2													- DATA INVALID	-											
3													- DATA INVALID	-											
4													- DATA INVALID	-											
5													- DATA INVALID	-											
6													- DATA INVALID	-											
7													- DATA INVALID	-											
8													- DATA INVALID	-											
9													- DATA INVALID	-											
10													- DATA INVALID	-											
11													- DATA INVALID	-											
12													- DATA INVALID	-											
13													- DATA INVALID	-											
14	****	****	****	****	****	****	****	****	****	****	****	****	- DATA INVALID	-											
15	15	24	15	18	8	15	10	7	12	17	20	26	30	36	39	23	17	23	22	25	24	14	23	19	18
16	15	13	18	28	24	14	10	19	26	31	35	33	37	48	52	32	18	14	5	3	3	3	3	2	20
17	20	32	29	50	45	35	26	9	35	46	49	52	56	62	****	****	51	47	39	24	17	22	8	0	34
18	0	2	14	13	17	15	14	8	20	43	43	48	54	60	65	69	59	36	8	4	4	13	12	6	26
19	9	4	11	26	36	40	38	28	27	32	31	25	28	22	18	14	4	5	5	8	12	18	20	20	20
20	24	29	31	30	30	31	26	12	13	19	21	****	****	13	22	20	19	16	12	14	14	15	16	18	20
21	21	26	28	32	30	28	21	19	17	25	31	38	41	41	44	45	42	40	40	39	41	41	41	41	34
22	41	40	38	38	35	36	37	37	34	30	29	28	26	24	15	4	15	23	24	27	29	29	25	29	29
23	24	26	29	27	29	29	27	29	32	30	32	34	34	36	36	35	30	29	20	13	17	15	17	20	27
24	27	26	26	34	35	32	31	28	29	31	31	32	31	31	32	31	28	26	26	14	18	20	10	0	26
25	0	0	0	0	0	0	0	1	3	12	20	14	15	17	****	25	17	16	13	7	14	20	18	18	10
26	22	27	26	26	27	27	19	15	19	23	23	23	24	25	25	20	20	20	16	20	17	15	17	22	22
27	17	27	35	37	36	35	26	26	27	33	35	35	****	15	14	15	12	10	5	3	3	3	3	6	20
28	8	12	16	18	17	15	17	18	19	20	21	21	22	22	22	18	19	20	18	20	21	21	20	19	19
29	20	20	20	20	20	16	13	13	13	9	2	5	7	9	11	14	16	17	14	10	12	14	16	14	14
30	12	10	13	15	18	18	18	17	17	17	17	17	17	17	17	15	13	12	12	14	14	13	13	13	15
31	13	13	11	12	15	11	4	8	12	14	16	16	17	17	17	14	10	7	7	2	0	0	0	0	10
MEAN	17	19	21	25	25	23	20	17	21	25	27	28	29	29	29	27	23	21	17	14	15	16	15	13	21.4

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT													UNITS - PARTS/BILLION												
STATION -													MONTH - APR 75												
NO 33003	LAWRENCE/KENNEDY												SCARBOROUGH												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	3	6	13	19	16	12	7	10	15	13	16	18	16	19	16	13	11	10	6	8	9	9	3	11
2	2	6	12	13	16	17	11	11	18	17	16	19	****	****	****	****	****	****	****	****	****	****	****	****	****
3													- DATA	INVALID	-										
4													- DATA	INVALID	-										
5													- DATA	INVALID	-										
6													- DATA	INVALID	-										
7													- DATA	INVALID	-										
8													- DATA	INVALID	-										
9													- DATA	INVALID	-										
10													- DATA	INVALID	-										
11													- DATA	INVALID	-										
12													- DATA	INVALID	-										
13													- DATA	INVALID	-										
14													- DATA	INVALID	-										
15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
16	36	28	38	37	17	3	5	9	14	29	37	47	53	40	32	15	3	17	12	12	15	22	31	36	****
17	0	0	4	12	9	5	4	17	30	43	40	44	64	47	64	71	63	58	50	20	36	52	46	44	24
18	44	41	44	47	48	44	44	37	39	39	32	28	****	22	9	4	14	20	20	19	18	16	11	19	29
19	17	41	31	28	31	35	43	42	36	35	42	34	30	34	36	37	35	30	35	27	24	27	25	23	32
20	25	22	24	25	25	25	25	32	30	30	31	31	31	30	30	30	30	28	26	21	24	23	23	26	27
21	31	34	36	37	38	35	24	21	26	32	34	31	32	31	34	30	24	26	12	9	5	5	1	0	25
22	0	0	0	0	0	0	0	6	16	22	25	33	****	****	35	35	30	30	24	7	0	0	0	0	12
23	0	0	0	0	0	0	10	26	39	****	45	49	53	54	60	70	67	67	35	0	21	30	38	27	30
24	28	26	25	25	22	24	31	22	27	28	36	40	47	39	38	36	32	32	29	22	26	31	44	48	32
25	50	50	55	55	57	45	38	39	33	38	35	****	****	44	44	32	27	24	16	1	6	7	6	5	32
26	16	13	24	26	23	23	23	24	24	23	23	25	27	26	25	24	20	20	19	14	12	13	9	3	20
27	0	0	0	0	8	5	13	32	37	35	37	34	37	36	37	34	32	28	22	14	14	13	14	19	21
28	27	32	37	34	27	13	11	16	29	38	41	39	31	37	37	33	16	6	1	0	0	2	3	5	21
29	26	26	16	27	10	6	1	6	24	24	****	41	51	51	50	50	53	56	61	65	62	58	46	37	37
30	33	28	26	20	16	15	16	22	30	40	51	59	71	76	73	75	83	83	81	81	76	78	75	70	53
MEAN	20	21	22	23	22	18	18	22	27	31	34	36	43	39	39	37	34	33	28	19	20	23	22	21	27.0

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
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 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

	POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION												
	STATION -			NO 33003			LAWRENCE/KENNEDY			SCARBOROUGH			MONTH - MAY			75									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	63	58	57	55	49	44	25	24	20	31	29	34	21	32	35	37	29	25	21	20	24	8	0	0	31
2	8	32	35	28	20	4	4	12	27	36	36	42	39	38	35	35	34	36	21	9	7	2	2	2	23
3	2	2	2	1	1	1	1	16	37	53	46	50	79	77	78	75	73	71	65	61	74	83	73	81	46
4	78	70	62	52	47	48	44	46	49	54	54	50	51	48	46	44	42	42	39	40	40	40	34	26	48
5	39	39	38	39	42	36	25	17	23	33	35	37	38	35	31	40	47	42	40	20	28	49	39	17	35
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	2	20	11	8	2	2	7	31	53	48	48	26	34	39	43	47	25	3	0	0	0	0	0	0
8	1	24	34	35	29	13	7	10	19	27	0	0	51	57	60	60	57	55	31	3	0	0	0	0	26
9	5	11	24	18	7	0	1	10	22	34	50	53	51	43	36	28	29	25	11	1	1	4	6	6	20
10	16	20	20	21	12	11	16	26	40	29	27	31	29	31	34	40	46	54	26	4	0	0	0	0	22
11	0	0	0	0	0	0	2	17	32	41	46	56	55	52	54	59	55	55	41	21	5	0	0	0	25
12	0	0	0	0	0	0	10	24	22	22	27	24	23	16	24	10	4	1	1	0	1	1	0	19	10
13	32	30	30	25	25	13	2	3	14	22	38	43	44	49	42	32	27	20	14	6	12	7	0	0	21
14	0	1	13	17	3	1	3	4	24	29	34	44	54	80	82	72	85	69	52	21	6	0	14	43	31
15	57	59	54	38	19	12	6	16	47	66	62	70	80	83	72	83	76	84	27	37	19	29	30	23	48
16	34	34	37	34	32	19	17	18	24	26	32	39	40	41	42	44	43	34	18	7	9	17	14	17	28
17	7	4	0	3	2	1	9	35	46	53	64	74	81	79	87	84	81	81	79	81	89	89	84	68	53
18	50	25	1	1	0	4	49	56	65	62	67	76	86	87	91	92	82	76	63	54	10	12	5	18	47
19	10	1	0	0	19	29	50	54	49	56	63	78	76	66	62	76	99	96	83	61	15	11	0	2	44
20	68	53	68	53	40	14	19	32	37	59	84	80	75	81	78	69	64	52	49	32	21	38	32	27	51
21	24	7	6	19	13	3	6	9	17	44	55	55	63	95	77	77	82	59	43	38	32	30	39	39	39
22	37	27	19	28	31	23	3	8	18	20	19	54	108	81	92	87	80	62	71	52	19	2	0	0	39
23	0	0	0	6	16	5	13	26	47	61	91	98	107	102	117	98	108	48	14	20	11	0	0	0	43
24	0	0	0	44	45	27	37	40	40	47	54	76	84	82	81	65	60	65	47	16	1	0	40	54	42
25	78	79	67	76	73	62	49	41	39	41	46	50	57	66	71	78	80	83	84	75	87	88	86	81	68
26	35	1	45	32	18	9	14	22	24	42	55	67	64	65	67	29	34	38	25	9	20	18	14	16	32
27	8	6	15	32	39	20	15	16	28	36	40	44	44	40	35	28	25	24	22	16	13	8	7	7	22
28	12	22	30	25	19	8	7	14	21	37	42	59	60	35	47	48	32	28	20	12	3	1	0	0	24
29	0	0	0	0	1	5	11	27	41	53	56	59	63	61	62	67	71	90	79	62	58	56	53	42	42
30	53	52	50	50	49	36	5	2	2	13	23	39	56	50	36	28	26	55	62	48	37	13	9	47	35
31	42	39	46	55	46	28	24	21	34	45	52	57	63	60	64	59	46	28	31	23	21	25	20	17	39
MEAN	25	23	26	27	24	16	16	22	31	41	47	55	59	55	59	56	55	52	41	28	22	21	19	21	34.9

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION												
	STATION -												MONTH - JUN 75												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	32	31	31	36	37	32	29	36	32	33	43	41	40	30	41	43	44	34	27	22	10	3	5	6	30
2	11	19	18	16	14	3	4	12	24	20	24	39	41	31	38	38	44	34	23	14	6	31	24	45	24
3	47	55	49	40	44	51	22	45	60	64	62	53	53	53	54	54	51	31	22	8	0	0	0	0	38
4	0	0	0	0	0	1	3	16	36	47	56	55	***	73	63	55	53	23	30	38	19	1	3	16	26
5	41	41	44	44	46	45	42	40	40	39	38	42	34	32	36	31	36	23	17	7	0	0	0	0	30
6	3	0	0	3	1	1	7	14	26	34	34	***	30	27	21	21	13	17	13	11	10	13	9	11	14
7	11	13	17	16	15	16	10	11	16	23	23	24	24	21	21	20	13	14	14	10	9	12	9	9	15
8	8	8	10	13	12	10	15	21	26	28	34	32	33	32	31	30	28	23	15	14	18	6	6	6	19
9	18	20	20	19	14	6	6	13	23	34	34	40	39	38	44	43	40	43	35	30	38	40	38	23	29
10	24	2	0	0	0	1	3	29	53	58	56	58	56	57	***	***	49	48	56	38	32	42	44	48	34
11	48	40	21	17	15	11	14	31	41	49	58	68	83	103	87	77	72	65	16	45	39	35	34	34	46
12	32	31	28	27	19	7	3	1	12	23	43	46	56	55	50	48	47	39	29	20	28	34	22	31	30
13	38	40	39	36	19	12	9	13	17	***	26	29	30	27	26	27	26	21	23	10	0	0	1	20	20
14	5	2	12	32	23	24	21	34	45	47	48	51	62	73	80	77	78	70	50	53	49	47	50	48	45
15	13	2	15	26	36	29	36	29	37	52	56	59	66	79	88	88	84	78	60	42	24	18	37	39	46
16	47	47	49	47	26	10	9	15	21	18	16	29	40	43	40	36	37	35	27	20	17	15	5	3	27
17	21	35	46	38	26	13	24	28	38	44	62	73	81	90	92	93	91	86	80	75	62	59	33	52	56
18	46	44	35	37	36	26	21	17	41	52	54	57	***	49	45	42	47	47	45	35	11	2	0	5	35
19	9	25	19	11	14	11	14	9	14	18	21	36	41	38	34	30	34	29	20	13	10	11	5	12	20
20	15	13	19	19	17	6	6	9	19	28	36	35	33	25	15	27	25	38	30	3	2	0	0	0	18
21	0	0	1	0	0	2	14	29	37	41	44	48	56	68	78	88	89	71	63	73	59	39	6	4	38
22	1	1	1	1	1	5	28	43	58	76	79	130	***	***	***	***	***	***	***	***	***	***	***	***	***
23	36	51	42	33	32	21	10	18	44	64	96	112	118	97	89	55	46	39	26	19	21	22	22	25	47
24	27	32	29	34	25	10	8	7	17	27	29	40	43	28	16	20	17	14	10	10	8	7	7	6	20
25	3	2	6	7	4	6	17	31	36	39	39	38	40	47	42	38	39	36	27	14	8	0	0	0	22
26	0	0	2	10	6	12	22	40	47	59	60	63	70	70	83	86	91	92	89	76	39	29	31	45	45
27	39	24	23	22	18	6	10	22	36	53	56	65	82	86	90	102	96	92	83	76	65	38	11	7	50
28	7	4	5	10	6	8	29	61	67	62	83	97	100	91	54	66	89	95	65	68	60	17	4	0	48
29	2	19	32	28	28	27	30	34	41	45	55	58	59	57	59	60	68	47	43	40	8	8	17	18	37
30	25	23	23	9	7	10	27	38	47	48	52	58	66	65	65	66	71	68	71	59	51	10	2	0	40
MEAN	20	21	21	21	18	14	16	24	35	42	47	54	54	54	53	52	52	47	39	33	26	19	15	17	32.8



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT													UNITS - PARTS/BILLION												
STATION -			NO 33003			LAWRENCE/KENNEDY			SCARBOROUGH			MONTH - JUL 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	5	15	3	6	10	35	65	72	77	82	79	75	77	54	69	62	57	35	30	12	4	3	39
2	3	1	1	0	3	4	9	20	48	68	96	107	122	122	80	57	62	48	46	57	57	63	71	62	50
3	66	58	48	36	24	7	8	25	45	53	51	60	66	63	57	54	43	44	19	7	3	10	6	8	36
4	9	12	17	13	7	2	6	14	30	37	38	38	39	63	53	30	26	21	15	7	2	3	1	1	20
5	1	2	13	5	14	6	15	20	27	45	57	72	118	113	119	105	93	73	53	28	17	6	0	0	42
6	1	****	****	0	2	7	18	32	23	31	40	59	75	91	87	83	83	93	102	79	53	44	36	14	48
7	25	29	27	15	7	6	6	18	29	58	104	60	69	****	****	****	94	118	63	68	80	13	8	1	43
8	0	1	1	7	6	5	5	21	46	73	86	92	92	94	92	75	79	54	25	20	20	16	16	18	39
9	17	19	19	19	16	8	4	9	13	18	24	24	22	21	22	21	18	17	16	9	3	3	2	14	15
10	15	16	16	15	9	6	5	9	12	13	18	17	12	10	16	16	15	16	14	3	1	1	1	2	11
11	4	5	4	3	2	1	1	1	3	3	3	3	3	3	3	3	3	4	3	2	1	2	1	0	3
12	0	0	0	0	0	0	1	1	2	3	4	5	5	5	4	4	4	4	3	2	1	1	0	2	2
13	1	1	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	3	2	2	2	2	1	1	2
14	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2
15	0	0	0	0	0	0	0	0	0	0	0	57	59	62	58	56	60	68	58	47	48	47	55	21	29
16	31	34	35	5	0	0	4	12	35	56	76	91	96	113	104	94	91	96	76	65	51	41	13	2	51
17	7	24	27	41	52	14	11	31	51	66	****	****	111	116	117	104	109	76	60	44	22	26	27	4	52
18	11	17	10	5	6	3	3	12	30	53	42	76	75	68	69	76	71	74	66	54	60	45	52	41	42
19	55	45	50	51	39	34	32	29	30	30	27	32	42	51	55	58	50	48	41	23	29	20	11	12	37
20	8	12	20	22	23	21	18	25	25	17	16	36	31	29	27	39	22	22	18	10	0	0	0	15	19
21	28	25	28	20	18	13	6	9	19	22	23	30	30	35	41	21	22	16	9	6	8	5	5	8	19
22	10	9	9	8	5	3	3	8	17	2	0	0	1	51	55	42	35	34	19	7	0	3	1	0	13
23	0	3	27	30	23	9	2	9	15	11	0	0	9	59	56	56	42	35	36	28	26	24	20	10	22
24	34	22	16	39	35	19	23	48	61	50	53	64	60	49	52	54	55	52	48	35	21	13	14	21	39
25	30	28	22	19	19	14	12	15	21	22	23	21	21	17	17	16	14	10	12	9	3	4	5	5	16
26	4	5	1	1	3	6	5	8	16	21	32	28	37	36	41	40	40	38	28	23	9	4	2	0	18
27	0	0	0	10	1	11	29	37	35	36	47	58	61	66	63	58	52	48	17	1	0	4	8	4	27
28	2	11	14	15	9	5	4	7	19	20	19	19	19	21	21	19	19	15	13	7	2	1	1	2	12
29	5	2	0	0	0	1	1	4	14	28	37	29	29	24	23	22	34	39	30	11	6	2	0	0	14
30	0	0	0	0	0	1	2	2	21	30	43	61	78	85	87	62	48	34	18	9	3	1	0	7	25
31	21	28	38	45	47	24	6	25	41	61	84	120	143	139	127	108	102	111	108	48	17	2	3	17	61
MEAN	13	14	15	14	12	8	8	16	26	32	37	45	52	56	54	48	47	44	35	24	19	14	12	9	27.1

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT													UNITS - PARTS/BILLION																									
STATION -			NO 33003												LAWRENCE/KENNEDY SCARBOROUGH												MONTH - AUG 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN													
1	21	14	19	20	12	3	6	12	47	71	98	127	124	102	129	110	105	95	90	71	45	9	1	13	56													
2	10	18	11	3	0	1	5	26	59	81	81	131	102	111	128	104	108	85	81	85	41	12	38	43	57													
3	36	15	44	52	61	68	59	56	42	78	85	83	76	57	90	85	89	87	80	83	25	10	1	0	57													
4	3	20	16	20	18	22	29	35	29	28	30	30	33	34	37	42	54	38	24	5	0	0	0	23														
5	0	9	30	34	29	11	6	9	12	19	21	23	26	38	27	28	21	18	9	6	7	9	12	13														
6	13	15	15	19	12	3	0	4	8	12	***	***	21	22	23	22	21	21	13	9	4	1	0	1														
7	2	3	6	12	7	2	2	4	10	19	28	32	35	32	30	28	23	17	11	2	0	0	0	12														
8	0	0	4	8	10	2	2	8	12	***	28	40	44	45	49	52	56	59	38	19	2	0	5	4														
9	3	4	7	12	24	21	25	32	40	50	66	79	85	88	88	85	81	66	40	35	40	43	34	45														
10	61	66	71	65	59	54	51	52	53	60	62	61	82	85	87	77	78	80	56	39	32	34	29	54	60													
11	65	61	53	50	31	21	18	19	22	25	26	57	66	75	74	51	58	34	20	23	9	4	0	0	36													
12	6	11	10	9	4	1	2	7	17	25	38	66	86	***	43	28	19	12	9	9	2	1	0	0	18													
13	0	0	0	0	1	2	4	9	7	10	21	28	29	32	37	44	51	20	37	17	4	10	28	26	17													
14	24	24	22	20	15	5	3	7	16	21	25	25	23	22	***	16	14	10	8	2	2	2	1	2	13													
15	7	7	12	4	0	0	0	0	2	10	22	21	22	21	22	31	36	37	29	24	23	5	0	0	14													
16	0	10	24	27	22	18	19	20	32	44	59	68	68	68	73	74	78	83	84	76	61	64	38	7	47													
17	0	0	0	0	2	6	6	11	47	61	63	59	76	73	70	63	53	47	39	24	24	19	14	16	32													
18	19	19	17	16	13	2	4	9	12	15	17	18	20	20	20	19	21	20	12	8	5	3	3	5	13													
19	7	3	0	2	0	1	1	5	9	16	***	***	***	23	22	14	14	10	6	4	1	1	1	1	7													
20	2	11	16	13	14	2	3	6	18	23	26	40	19	19	28	30	27	25	15	9	5	1	1	1	15													
21	1	1	0	0	0	0	0	0	0	3	3	0	10	17	21	24	18	3	1	1	11	9	8	18	6													
22	10	15	26	31	31	19	11	14	16	15	16	17	17	20	23	27	30	24	11	2	0	0	0	0	16													
23	0	0	0	0	0	1	6	11	18	20	27	36	43	46	47	47	44	41	39	34	26	25	20	17	23													
24	15	4	0	0	1	5	1	4	12	22	13	12	23	15	18	24	25	23	16	2	0	0	0	7	10													
25	5	10	11	12	20	8	2	3	13	23	47	54	54	***	***	43	41	31	28	17	3	3	2	2	20													
26	11	7	28	24	19	3	3	8	13	14	25	38	25	16	7	7	11	18	10	2	1	1	1	2	12													
27	4	4	13	15	13	3	5	8	16	21	21	18	19	19	19	22	17	17	16	10	4	2	1	0	12													
28	0	0	0	0	0	2	0	0	5	16	28	40	37	40	61	68	61	41	16	5	38	42	42	28	24													
29	21	26	27	34	25	11	14	24	28	30	***	23	32	39	34	36	39	38	35	21	25	28	26	32	28													
30	25	31	30	32	35	30	22	25	22	24	22	23	30	38	46	49	47	43	38	29	33	31	6	9	30													
31	17	25	22	18	19	19	20	20	22	25	29	30	34	36	35	36	38	38	35	28	25	26	27	26	27													
MEAN	13	14	17	18	16	11	11	14	21	29	37	44	45	43	48	45	44	38	31	23	16	13	11	12	25.4													



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION												
	STATION -												MONTH - SEP 75												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	25	25	25	26	27	28	28	27	25	25	25	25	24	23	24	25	27	28	17	5	1	4	8	13	21
2	10	4	5	1	1	1	1	2	17	26	24	23	17	***	10	8	8	7	4	3	3	1	1	1	8
3	1	6	3	1	1	2	2	5	9	11	16	14	14	18	17	15	18	17	5	1	0	0	0	0	7
4	0	0	0	3	5	0	0	6	16	18	17	18	***	18	18	16	18	12	6	2	2	2	2	2	8
5	0	0	4	5	2	1	1	1	5	10	26	21	17	22	15	6	3	1	0	0	2	7	10	10	7
6	8	3	3	2	7	3	4	12	19	24	24	24	23	22	20	21	19	17	11	6	10	9	4	6	13
7	5	7	11	9	4	7	14	16	20	23	25	27	27	29	28	33	37	32	30	29	30	12	6	17	20
8	22	25	43	45	31	14	4	7	14	20	21	***	19	20	17	15	14	11	6	8	10	10	12	10	17
9	13	17	16	15	15	8	2	4	12	15	16	18	17	21	21	18	18	12	5	2	2	2	0	0	11
10	0	0	0	1	1	1	1	2	4	6	11	13	13	20	29	33	23	36	27	27	28	25	17	5	13
11	2	1	0	0	0	0	2	8	19	22	33	43	40	34	33	18	17	18	12	11	5	26	24	23	16
12	22	22	20	19	16	4	2	1	3	10	16	11	15	11	9	9	7	6	2	1	2	4	3	2	9
13	2	2	11	9	5	2	3	6	7	9	10	9	10	15	17	16	17	12	4	1	2	4	3	2	7
14	4	1	4	3	3	4	8	11	13	16	19	17	21	19	19	20	18	11	3	0	0	0	0	0	9
15	0	0	0	0	0	0	0	0	4	14	19	18	***	26	26	22	22	11	6	2	0	0	0	0	7
16	14	17	9	2	0	0	0	0	0	0	0	1	1	3	13	22	23	15	0	2	1	1	1	1	5
17	0	0	0	0	0	0	0	1	8	35	61	66	68	73	81	85	78	65	54	58	61	69	62	48	41
18	54	59	52	47	44	31	21	16	19	21	22	***	22	26	33	37	37	31	32	32	32	32	30	29	33
19	27	29	27	24	16	6	0	0	2	9	11	12	27	39	46	47	36	39	4	0	10	24	30	26	20
20	25	15	6	9	14	11	8	14	9	14	15	13	21	26	31	32	25	16	10	10	5	2	0	1	14
21	0	2	1	1	5	5	3	4	7	8	12	15	17	14	15	16	12	3	6	8	6	6	2	2	7
22	1	2	7	4	3	2	1	1	2	5	10	15	16	8	5	5	3	1	1	1	1	1	0	0	4
23	0	0	0	1	1	0	0	1	6	15	18	15	19	18	16	12	12	7	1	1	1	5	5	9	7
24	9	9	11	11	13	5	2	3	8	11	10	11	11	16	13	15	14	7	4	4	7	9	11	15	10
25	15	16	16	16	14	8	5	3	3	7	9	***	7	8	7	6	7	8	8	12	12	11	12	14	10
26	14	11	10	8	5	2	1	3	4	3	4	3	4	3	7	3	2	1	1	0	1	2	2	2	4
27	1	4	13	17	14	5	2	1	5	8	7	10	11	10	8	7	10	6	1	1	0	1	1	1	6
28	1	2	12	15	18	13	9	12	12	16	19	25	29	30	35	28	20	7	1	1	0	0	0	0	13
29	0	0	0	0	0	0	0	1	10	20	24	35	35	53	***	39	43	55	46	35	40	28	2	23	21
30	33	25	15	29	24	12	6	6	12	23	31	36	36	34	29	23	16	12	14	5	6	5	1	7	18
MEAN	10	10	11	11	10	6	4	6	10	15	19	20	21	23	22	22	20	17	11	9	9	10	8	9	12.9

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION													
	STATION -												MONTH - OCT 75													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	20	27	24	22	8	1	1	3	3	3	3	2	1	0	1	0	0	0	0	0	1	6	7	8	6	
2	9	11	10	10	8	1	1	4	9	10	10	11	10	***	13	13	13	12	5	2	0	0	0	0	7	
3	0	0	0	0	1	2	0	0	1	5	11	11	21	24	23	24	20	15	18	16	19	24	18	11	11	
4	7	2	0	0	0	0	0	0	3	12	28	31	38	38	41	42	38	30	23	10	13	10	9	0	15	
5	0	***	1	5	8	3	4	7	7	19	23	32	49	61	64	72	68	41	8	8	17	13	9	12	23	
6	15	24	23	20	22	18	5	5	12	21	23	26	25	25	21	13	11	8	2	2	2	2	2	2	14	
7	9	6	2	3	2	0	0	5	14	21	28	27	25	25	22	16	10	6	0	0	0	0	0	0	9	
8	0	0	0	0	0	0	0	0	1	4	9	18	31	***	38	30	29	19	11	28	27	25	28	23	14	
9	22	22	25	22	24	22	23	20	17	20	22	20	19	24	23	20	23	25	22	21	19	15	10	10	20	
10	7	6	5	4	0	0	0	0	1	1	10	13	18	7	9	8	4	0	0	3	4	5	3	15	5	
11	13	6	11	14	8	0	0	1	6	7	9	8	8	6	8	8	8	3	4	4	2	2	3	5	5	
12	6	11	14	15	16	17	12	14	16	19	20	19	20	21	21	15	14	7	7	7	2	0	0	0	12	
13	0	0	0	0	0	0	0	12	12	4	16	19	19	22	19	17	13	8	1	1	1	1	1	16	8	
14	25	34	35	25	17	10	3	4	18	29	31	39	44	43	40	32	26	18	14	18	14	0	0	0	22	
15	0	0	0	4	6	0	0	0	3	12	20	22	21	18	13	7	7	1	1	0	2	2	16	18	7	
16	22	20	16	15	11	4	0	2	6	12	19	21	19	18	15	10	3	1	4	4	7	8	3	4	7	
17	3	6	3	4	1	1	1	3	7	12	19	21	19	18	15	10	3	1	1	10	15	16	15	12	9	
18	14	16	18	18	20	18	15	13	13	14	15	17	17	18	14	15	14	14	9	10	14	18	16	17	15	
19	16	16	16	17	16	14	11	10	11	14	14	14	13	13	10	10	6	9	5	3	3	4	3	5	11	
20	4	5	4	3	2	3	3	3	2	2	4	6	12	8	13	4	2	2	1	1	3	4	7	6	4	
21	5	22	27	25	17	5	2	4	5	6	6	***	23	23	22	9	1	2	0	0	0	1	0	0	9	
22	0	0	3	13	9	3	1	1	2	5	7	13	20	24	18	5	3	0	0	0	0	6	12	22	7	
23	20	17	13	18	17	14	5	10	21	27	29	39	42	35	44	45	29	9	14	43	27	2	0	0	22	
24	0	0	4	1	1	1	1	3	16	43	***	64	75	86	93	83	68	62	51	51	15	34	37	25	35	
25	31	32	10	21	33	18	15	28	22	20	12	19	11	9	9	11	7	2	2	1	2	1	0	0	13	
26	0	0	0	3	7	3	2	3	8	13	28	27	30	29	26	26	16	5	1	3	3	1	0	0	6	
27	0	0	0	0	0	0	0	0	2	10	20	26	***	***	17	12	6	14	16	1	0	0	0	0	5	
28	0	0	0	0	0	0	0	0	1	3	5	8	19	24	21	14	2	12	8	3	2	2	1	1	11	
29	3	21	23	23	22	15	7	5	8	12	11	13	12	11	9	8	5	4	4	6	7	9	13	11	13	
30	17	14	18	21	22	15	12	11	21	25	26	25	***	21	19	19	10	3	0	0	0	0	0	0	0	
31	0	0	0	0	0	0	0	0	2	9	12	10	14	18	17	21	14	4	0	0	3	2	7	7	6	
MEAN	9	11	10	10	9	6	4	6	9	13	16	21	24	23	23	20	15	11	7	8	7	7	6	7	11	7



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT													UNITS - PARTS/BILLION												
STATION -			NO 33003			LAWRENCE/KENNEDY			SCARBOROUGH			MONTH - NOV 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	3	6	7	5	7	5	3	8	5	7	6	6	6	4	3	1	1	0	0	0	0	2
2	0	0	0	0	0	0	0	0	2	6	5	5	4	3	3	2	1	0	0	1	5	3	4	4	4
3	0	0	0	0	2	3	0	0	1	4	7	15	21	22	12	2	0	0	0	0	1	3	5	5	2
4	2	13	12	17	21	10	1	1	5	15	21	23	24	24	22	16	2	0	0	0	1	1	8	10	11
5	2	7	12	15	7	5	0	0	3	12	15	21	21	26	27	18	3	0	0	0	0	1	0	1	4
6	4	11	19	18	6	0	2	0	0	2	1	3	6	9	9	6	0	0	0	0	0	0	0	0	8
7	0	0	0	0	0	0	0	2	2	3	7	12	10	***	3	3	0	1	2	2	0	0	1	0	2
8	0	0	0	1	2	6	7	6	3	3	3	4	13	21	20	20	10	2	3	1	0	0	0	0	5
9	0	0	0	0	0	6	0	9	20	26	30	32	32	32	32	28	31	35	38	40	32	31	35	30	21
10	27	29	30	28	28	29	27	26	21	15	12	11	20	21	22	14	21	21	22	24	25	25	25	26	23
11	28	28	24	18	15	17	8	1	4	11	16	19	21	22	22	7	0	0	0	0	0	0	0	0	11
12	0	0	0	2	10	9	2	1	3	14	15	12	12	8	7	2	0	0	0	0	0	0	0	4	4
13	5	6	3	6	4	3	1	1	1	6	9	11	11	10	11	10	4	6	9	15	17	16	17	19	18
14	24	26	28	29	29	26	18	12	12	13	14	16	***	15	15	13	9	9	7	6	6	6	8	3	15
15	0	1	2	6	10	7	1	2	5	6	10	11	9	16	13	10	4	2	1	1	1	1	1	1	5
16	1	1	1	15	18	15	12	6	12	16	15	19	17	14	11	7	2	2	2	4	4	2	2	2	8
17	2	1	0	0	0	0	0	1	1	2	6	8	11	15	10	5	2	2	2	4	4	2	2	2	3
18	2	2	2	0	0	0	0	2	2	2	5	8	6	12	10	5	3	2	5	11	18	5	4	6	5
19	2	2	11	27	30	23	10	3	3	3	3	8	13	14	13	8	2	2	2	1	1	1	2	2	7
20	0	0	0	0	0	0	0	0	1	2	3	6	8	12	24	15	10	16	23	14	10	9	11	12	8
21	14	20	15	7	8	15	4	1	2	5	6	7	5	***	1	2	1	1	1	1	1	1	1	1	5
22	0	4	18	19	24	26	23	21	16	14	20	24	21	19	16	12	10	7	9	8	7	10	13	7	15
23	2	1	0	0	1	12	17	24	22	19	19	21	16	20	19	8	2	1	1	1	1	1	1	1	9
24	2	9	10	9	6	10	9	4	2	8	10	***	***	17	15	10	3	1	1	0	1	3	6	6	11
25	5	6	5	11	11	11	11	12	13	20	24	22	22	18	15	11	5	3	3	8	7	8	13	11	16
26	9	12	17	17	19	18	11	3	2	2	4	6	11	***	15	14	8	4	1	1	3	6	8	8	9
27	5	5	5	8	8	8	8	10	8	4	6	5	5	2	1	1	0	0	0	0	0	0	0	0	4
28	1	1	3	3	2	1	0	1	1	4	8	11	9	5	***	7	1	0	0	0	0	0	0	0	3
29	0	0	0	6	17	22	23	25	22	22	24	23	22	21	20	20	17	16	16	12	6	5	5	6	15
30	7	8	8	11	10	9	13	15	15	17	22	23	23	20	10	20	22	22	26	23	21	12	17	21	17
MEAN	5	7	8	9	10	9	7	6	7	10	12	13	14	15	14	10	6	5	6	6	6	5	6	6	8

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION												
	STATION -			NO 33003			LAWRENCE/KENNEDY			SCARBOROUGH			MONTH - DEC 75												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	25	25	25	23	23	17	12	9	15	14	14	17	17	17	14	9	4	3	3	2	1	2	2	
2	4	2	1	1	1	1	1	1	1	1	14	15	***	9	3	2	1	1	1	1	0	0	0	0	13
3	6	18	21	21	13	5	3	2	7	9	13	14	20	18	14	7	1	0	0	0	0	0	0	0	3
4	2	1	0	0	0	0	1	2	4	5	14	24	26	29	27	20	16	12	17	14	16	1	1	7	8
5	3	1	1	0	0	0	0	0	1	3	5	9	9	6	2	2	1	1	1	1	14	15	7	11	1
6	13	14	11	11	9	15	18	19	18	14	12	9	9	8	7	8	10	11	12	15	13	5	11	3	12
7	6	4	8	12	15	17	17	15	15	22	21	18	14	16	18	10	3	1	1	2	1	3	5	10	11
8	9	8	11	14	14	12	2	2	4	4	6	***	8	11	8	6	1	2	6	3	2	4	5	8	7
9	11	11	12	11	12	11	11	15	17	20	20	20	23	21	20	18	13	11	9	8	6	1	0	0	13
10	0	0	0	0	1	1	2	1	1	6	8	8	***	***	10	7	3	2	2	3	1	0	0	1	3
11	1	2	3	3	2	9	3	1	1	3	4	8	18	16	13	7	2	2	1	0	0	0	0	4	
12	0	0	3	3	8	11	6	1	5	10	13	15	14	18	13	9	2	0	0	2	3	3	6	6	
13	14	17	12	19	22	26	24	20	18	8	5	10	12	8	4	2	1	1	1	1	1	1	1	10	
14	1	1	1	1	2	3	4	8	14	14	12	12	13	15	12	10	13	12	12	9	12	15	16	9	
15	18	17	17	21	23	20	6	0	***	***	***	5	7	8	9	8	5	6	8	8	11	11	14	12	11
16	14	18	19	20	21	20	13	4	0	3	7	9	8	9	6	3	1	1	7	10	10	8	3	3	9
17	3	1	0	0	0	0	0	0	1	1	14	16	7	12	***	11	9	5	5	4	2	4	4	3	4
18	5	9	11	10	14	21	17	9	8	13	16	21	20	20	15	9	6	2	2	1	5	14	16	17	12
19	18	22	21	21	24	20	14	5	9	21	28	31	21	17	***	***	2	1	0	2	0	0	1	2	13
20	3	6	10	15	19	21	20	18	19	19	15	16	17	19	19	19	17	17	18	18	22	20	18	17	17
21	12	5	***	***	***	***	***	***	***	***	***	21	18	24	20	13	6	4	1	0	1	1	1	***	***
22	0	0	0	0	0	0	0	0	0	2	2	2	2	3	2	2	1	0	0	0	0	0	0	0	0
23	3	8	9	18	14	8	6	1	0	5	14	15	16	15	***	***	6	3	2	2	3	4	0	0	1
24	6	3	3	3	2	0	0	0	2	5	7	12	21	20	7	1	1	0	0	2	30	38	40	40	7
25	43	16	7	23	29	11	10	4	10	15	17	17	15	20	9	1	0	17	24	30	30	38	40	13	
26	1	1	2	3	4	4	5	5	5	5	5	5	3	2	2	3	2	2	1	1	0	1	2	1	10
27	1	2	3	3	2	3	3	4	2	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	3
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	***	0	0	0	0	0	0	0
31	0	0	1	2	2	2	0	0	0	0	0	1	6	10	18	11	1	0	0	0	0	0	7	16	3
MEAN	7	7	7	9	9	9	7	5	6	8	10	11	12	12	10	7	4	4	4	4	5	5	6	6	7.2

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
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3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	24	7.4	16	70
FEB	25	11.2	28	42
MAR	17	21.4	34	69
APR	16	27.0	53	83
MAY	30	34.9	68	117
JUN	29	32.8	56	130
JUL	31	27.1	61	143
AUG	31	25.4	60	131
SEP	30	12.9	41	85
OCT	31	11.7	35	93
NOV	30	8.4	23	40
DEC	30	7.2	17	43
YEAR	324	18.8	68	143

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH	00 TO 10	11 TO 20	21 TO 30	31 TO 50	51 TO 80	81 TO 100	101 TO 150	151 & OVER	TOTAL
JAN	399	169	16	0	1	0	0	0	585
FEB	327	181	85	22	0	0	0	0	615
MAR	68	161	95	79	10	0	0	0	413
APR	80	68	92	122	35	4	0	0	401
MAY	166	86	90	183	149	44	5	0	723
JUN	146	104	107	201	106	33	5	0	702
JUL	295	110	91	87	107	22	25	0	737
AUG	242	143	135	105	70	26	12	0	733
SEP	379	175	95	46	16	2	0	0	713
OCT	411	183	97	31	10	3	0	0	735
NOV	478	140	84	11	0	0	0	0	713
DEC	499	178	40	5	0	0	0	0	722
YEAR	3490	1698	1027	892	504	134	47	0	7792

FREQUENCY DISTRIBUTION BY PERCENTILES

FREQUENCY OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
88.9	0	0.0	4.0	12.3	22.0	46.5	62.9	82.1	91.0	143	18.8



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT													UNITS - PARTS/BILLION												
STATION - NO 34002 SC CTR 770 DON MILLS RD TORONTO													MONTH - JAN 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	2	8	9	12	17	16	23	22	21	25	29	28	29	29	11
2	29	33	35	35	35	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	9
3	5	3	8	3	17	27	18	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
4	1	8	8	10	10	9	13	8	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	2	1	1	1	2	1	1
17	1	1	1	0	0	0	0	0	0	0	5	21	20	25	23	13	7	1	1	4	0	1	7	5	7
18	5	8	5	7	5	9	13	15	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	4	5	8	16	21	22	21	19	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	23	24	23	22	26	21	8	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	5	5	7	9	5	2	4	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	1	0	10	27	28	26	20	11	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	4	4	4	3	1	1	0	0	2	0	2	3	6	4	3	2	2	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	0	1	4	5	5	4	3	1	1	0	4	11	2	4	2	2
26	3	2	5	9	8	7	8	8	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	17	19	21	20	16	5	0	0	0	0	0	7	12	0	8	20	25	17	14	8	3	4	3	1	9
28	1	0	0	0	0	0	0	0	0	0	1	0	0	1	9	14	11	8	4	2	6	9	7	2	4
29	1	1	4	19	19	12	6	4	4	3	3	2	2	2	7	6	3	2	19	29	31	31	29	11	15
30	32	31	31	31	27	24	18	6	4	7	10	19	26	24	21	20	11	2	1	1	1	1	1	1	1
31	0	0	0	1	1	1	1	1	2	2	7	27	35	37	37	33	19	6	5	6	4	6	8	12	10
MEAN	4	5	6	7	7	6	4	3	3	1	2	8	8	8	9	8	6	4	4	5	6	5	4	4	5.3

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT													UNITS - PARTS/BILLION													
STATION - NO 34002 SC CTR 770 DON MILLS RD TORONTO													MONTH - FEB 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	7	10	14	17	19	24	20	12	9	10	17	26	27	31	29	31	27	18	5	2	1	4	2	1	15	
2	0	0	0	0	1	0	0	0	1	2	9	30	36	38	40	38	29	20	0	0	0	0	1	1	10	
3	4	10	14	29	35	34	17	0	7	15	25	30	28	29	25	31	26	14	7	6	7	9	6	8	17	
4	12	18	19	18	18	18	6	4	3	4	6	11	12	28	23	17	6	5	5	4	6	10	8	4	11	
5	3	1	2	1	1	1	1	2	2	2	2	4	4	4	4	4	4	3	2	2	1	1	1	1	2	
6	1	2	1	2	3	1	1	0	1	2	5	8	14	15	14	18	16	5	2	1	1	3	3	5	5	
7	5	7	35	33	34	34	26	17	12	17	24	32	24	34	35	33	26	17	14	8	7	5	7	8	21	
8	10	4	7	5	9	10	10	8	10	17	30	40	42	36	37	36	29	23	18	15	14	16	18	19	19	
9	20	20	16	25	32	36	31	27	26	22	24	31	35	38	39	35	31	25	20	15	11	8	8	9	24	
10	14	17	15	13	13	11	7	4	8	11	15	23	23	20	21	0	0	0	0	0	0	0	0	0	0	
11														- DATA INVALID -												
12														- DATA INVALID -												
13														- DATA INVALID -												
14														- DATA INVALID -												
15														- DATA INVALID -												
16														- DATA INVALID -												
17														- DATA INVALID -												
18														- DATA INVALID -												
19														- DATA INVALID -												
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	27	27	17	14	12	7	2	0	
21	5	11	4	2	2	2	3	5	7	23	31	44	57	64	60	44	12	8	2	0	0	0	0	0	16	
22	0	0	0	0	0	0	0	0	0	6	14	19	17	17	11	10	4	2	1	0	0	0	0	0	4	
23	0	0	0	0	0	0	0	0	6	6	11	12	13	5	2	3	2	6	11	14	14	11	8	19	6	
24	27	31	36	35	34	32	24	15	12	9	12	13	12	10	10	14	12	4	2	4	1	6	7	19	16	
25	17	14	18	14	17	21	22	15	8	9	16	16	13	15	15	20	19	13	17	19	24	29	24	31	18	
26	37	40	42	41	39	39	32	28	27	24	31	36	40	41	41	41	36	32	30	27	30	28	26	31	34	
27	37	35	36	40	34	32	28	15	20	20	27	26	25	0	37	35	33	27	23	17	15	6	2	1	25	
28	8	16	21	16	13	4	4	10	18	17	20	22	18	0	0	0	0	0	0	0	0	0	0	0	0	
MEAN	12	13	16	16	17	17	13	9	10	11	17	23	24	26	26	27	22	15	11	9	9	9	8	9	15	



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT															UNITS - PARTS/BILLION											
STATION - NO 34002 SC CTR 770 DON MILLS RD TORONTO															MONTH - MAR 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1															- DATA INVALID -											
2															- DATA INVALID -											
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23	30	28	27	25	23	28	27	15	9	0.0000
4	6	11	13	21	26	31	17	3	7	13	29	42	44	45	47	43	36	31	22	17	14	12	10	8	23	
5	3	6	7	6	2	1	1	2	4	10	18	21	21	18	24	28	19	12	13	18	19	22	16	13	13	
6	4	4	18	27	25	12	6	4	6	5	6	10	16	18	18	20	29	27	19	2	8	7	2	14	13	
7	8	4	7	28	34	42	25	10	17	15	22	24	****	12	5	11	19	23	36	38	37	34	36	32	23	
8	29	34	40	42	42	41	40	39	39	31	33	42	43	44	44	43	41	39	33	28	23	24	20	17	35	
9	6	0	0	0	0	0	0	0	1	13	26	42	46	46	48	48	46	50	41	39	21	10	3	0	20	
10	1	1	6	4	2	1	1	1	1	5	12	32	39	35	****	35	31	16	13	6	2	1	1	1	11	
11	0	0	0	0	10	21	5	2	****	****	****	****	****	6	4	2	2	1	1	1	2	2	2	11	****	
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6	4	2	2	1	1	1	2	2	2	11	0.0000	
13	21	34	45	55	65	61	47	28	32	28	33	44	48	41	38	43	38	32	29	29	23	20	12	12	36	
14	7	23	29	28	28	35	29	20	24	27	26	27	27	23	27	25	16	18	23	20	17	7	13	14	22	
15	21	25	19	19	11	6	4	10	20	24	30	42	48	53	56	55	54	49	41	26	5	5	5	6	26	
16	22	20	24	34	25	23	22	17	30	30	39	45	52	63	36	37	35	16	3	****	****	****	****	****	30	
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	69	55	51	35	24	12	10	8	11	9	
18	2	3	5	5	3	5	7	7	14	16	39	51	48	47	50	57	35	10	2	2	2	1	1	1	17	
19	1	5	3	18	30	35	29	16	17	18	17	13	17	11	14	7	2	2	4	11	18	26	24	26	15	
20	33	40	43	42	44	46	41	28	28	35	38	32	****	41	41	41	38	35	31	27	30	26	33	32	35	
21	35	36	41	41	41	37	22	16	15	18	23	30	27	31	27	26	26	34	33	33	39	41	44	47	32	
22	46	48	50	49	47	45	44	43	35	26	25	24	22	20	18	5	8	31	40	45	42	44	43	36	35	
23	39	36	36	36	38	38	43	40	45	41	46	52	51	50	50	50	47	36	13	7	9	8	10	13	35	
24	28	28	37	44	48	47	40	36	36	32	****	36	35	35	31	27	23	22	19	8	15	4	2	0	28	
25	2	2	2	2	2	2	2	3	6	19	28	26	21	24	26	33	26	20	15	10	29	32	30	29	16	
26	32	37	38	36	37	39	35	32	33	33	****	****	43	45	44	45	42	40	35	33	27	24	8	0	34	
27	2	2	39	41	43	41	30	27	29	30	35	38	41	44	48	45	40	34	30	15	12	12	8	9	29	
28	17	17	23	34	38	36	32	32	37	34	37	42	42	44	43	37	34	36	32	32	35	43	43	37	35	
29	41	40	44	47	43	32	14	9	8	6	10	18	19	25	35	46	46	46	42	38	35	38	42	37	32	
30	34	30	33	39	40	42	42	41	43	36	41	44	47	49	49	48	40	39	39	39	40	39	43	44	41	
31	45	45	38	40	40	38	30	30	38	36	45	50	52	52	50	45	39	30	24	2	6	0	0	0	32	
MEAN	19	20	25	28	29	29	23	19	23	23	28	35	35	35	36	35	32	28	24	21	20	19	18	17	25.9	

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
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3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION													
	STATION - NO 34002 SC CTR 770 DON MILLS RD TORONTO												MONTH - APR 75													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	6	3	3	9	30	28	12	7	12	22	36	****	****	51	54	52	49	41	39	26	18	23	15	10	25	
2	11	17	26	37	42	38	40	27	26	23	****	****	****	26	16	16	14	14	22	18	22	27	32	37	25	
3	39	43	46	45	43	41	35	17	19	26	36	39	41	****	46	43	40	41	41	42	43	46	48	46	39	
4	46	46	46	45	44	41	38	35	36	39	42	42	42	42	40	39	39	40	39	40	39	39	38	36	41	
5	36	37	39	38	39	39	39	38	39	40	40	40	45	45	45	42	40	39	40	40	42	42	41	41	40	
6	40	40	41	41	41	41	43	44	45	47	47	48	47	49	49	48	45	46	43	40	37	36	38	39	43	
7	44	44	45	42	43	39	37	31	35	41	45	****	****	49	52	50	48	44	44	39	35	34	33	35	41	
8	38	43	43	44	44	43	39	35	39	45	47	49	51	50	48	48	42	40	34	25	19	25	14	24	39	
9	31	40	47	47	45	44	35	36	37	47	54	53	59	61	58	55	49	46	41	27	31	29	26	13	42	
10	6	3	16	21	21	21	14	8	13	26	39	44	52	****	40	44	42	37	31	13	15	24	18	18	25	
11	28	29	30	27	25	20	12	17	26	34	40	43	45	45	46	44	42	36	32	24	20	25	20	11	30	
12	4	11	20	30	16	12	14	21	35	42	46	47	46	49	48	48	46	43	36	26	22	17	8	5	29	
13	4	6	9	9	14	18	36	43	46	48	47	47	60	61	65	61	59	50	40	10	3	1	1	31		
14	2	2	2	2	2	2	3	3	5	18	25	27	31	****	51	56	50	31	14	4	2	2	2	3	15	
15	3	2	1	1	2	2	4	4	8	17	35	40	36	32	35	25	11	4	22	18	10	16	6	3	14	
16	2	2	8	11	8	5	10	18	25	24	37	****	25	****	53	66	60	53	46	27	5	2	2	2	22	
17	1	1	1	1	1	1	1	8	33	47	53	46	57	60	73	68	70	55	24	2	15	40	46	38	31	
18	52	42	44	52	55	58	43	16	15	22	7	13	18	16	5	1	4	11	20	16	10	9	4	5	22	
19	12	27	26	15	17	29	36	31	26	34	40	38	36	34	42	44	43	40	34	29	30	29	28	27	31	
20	26	24	24	25	25	24	25	31	37	37	38	38	37	37	37	39	38	38	35	28	30	34	31	31	32	
21	34	34	38	38	41	41	39	36	37	39	42	44	47	****	51	51	50	42	32	15	11	11	1	0	34	
22	0	0	0	0	0	0	0	1	5	14	20	29	42	42	39	47	40	37	30	6	0	****	****	****	17	
23	****	****	****	****	****	****	****	****	****	****	****	****	47	48	50	57	63	64	66	32	1	14	30	38	29	****
24	27	24	20	17	16	16	32	31	25	33	33	****	40	50	52	52	54	48	48	45	39	39	31	39	35	
25	44	50	51	49	52	48	30	28	26	21	20	25	23	20	25	23	19	32	13	1	11	8	1	0	26	
26	0	4	22	31	22	14	22	35	37	38	39	43	46	45	44	42	41	39	39	34	27	17	6	0	29	
27	0	0	0	0	0	0	18	34	45	47	48	51	49	51	50	48	45	36	29	19	17	15	20	26	26	
28	19	22	10	5	6	6	2	5	12	23	36	****	****	57	27	6	7	18	11	5	1	1	5	12	13	
29	18	18	14	9	4	2	2	2	11	18	29	38	45	50		49	46	49	54	54	58	57	44	28	28	30
30	16	13	13	13	10	7	8	13	20	29	39	52	65	71	68	68	81	80	78	77	74	61	60	58	45	
MEAN	20	22	24	24	24	23	22	22	26	32	38	41	44	46	46	45	43	40	35	26	23	25	22	21	30	24



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT													UNITS - PARTS/BILLION													
STATION -			NO 34002		SC CTR 770		DON MILLS		RD TORONTO		MONTH - MAY 75															
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	55	53	50	47	36	20	4	2	2	2	0	****	0	9	18	7	4	4	1	0	2	1	0	0	14	
2	1	28	27	21	7	1	3	12	29	44	51	53	51	47	48	48	45	47	21	5	14	13	3	0	26	
3	0	0	0	0	0	0	0	0	2	24	32	41	56	68	68	63	66	50	37	51	65	69	55	54	36	
4	54	54	54	51	49	47	39	39	42	46	50	47	43	40	40	38	30	30	25	29	27	24	17	39		
5	24	29	29	28	33	24	9	10	10	11	13	18	17	17	16	15	15	21	20	8	18	23	4	0	17	
6	2	0	0	0	0	1	9	16	15	13	11	11	15	18	19	19	31	23	9	0	0	0	0	0	9	
7	0	0	0	0	0	0	0	0	0	14	39	36	41	29	43	43	50	54	51	27	11	0	0	0	18	
8	0	1	6	2	0	0	1	2	4	14	****	35	46	52	57	59	54	49	26	6	0	0	0	0	18	
9	0	0	0	0	0	0	0	0	10	20	34	41	49	47	51	45	32	36	28	12	4	1	1	0	17	
10	0	0	0	1	1	0	3	5	13	28	34	43	49	55	56	60	63	55	34	15	0	0	0	0	21	
11	0	0	0	0	0	0	0	14	26	32	43	55	66	69	71	76	69	68	45	41	28	1	0	0	29	
12	0	0	0	0	0	0	0	4	19	12	10	12	12	10	12	3	3	1	1	1	1	0	15	5		
13	35	29	27	29	32	16	7	9	26	36	43	55	****	****	****	****	****	****	****	****	****	****	****	****	****	
14	0	0	0	0	0	0	0	5	19	33	20	39	57	87	104	89	96	84	59	54	41	7	17	14	34	
15	9	16	12	3	1	3	3	22	40	24	32	39	64	73	84	66	70	32	6	1	16	9	4	26		
16	5	25	28	29	33	27	19	30	32	39	41	47	57	62	66	64	62	57	44	19	7	20	18	10	35	
17	1	1	1	1	1	1	1	8	20	35	51	63	73	58	52	57	40	72	68	71	70	73	49	2	36	
18	1	1	1	1	1	1	1	38	59	68	70	76	82	88	91	95	87	77	62	36	31	20	11	10	42	
19	4	2	2	2	2	2	5	19	38	44	53	70	62	77	87	97	89	101	82	42	10	7	4	3	38	
20	14	22	6	34	23	5	9	12	12	42	66	****	68	80	76	72	62	58	56	49	37	38	33	31	39	
21	24	9	3	12	22	5	8	11	14	42	54	59	68	78	82	83	81	72	54	41	44	41	37	22	40	
22	25	10	4	9	12	6	1	2	4	4	9	40	89	74	92	83	82	68	54	32	41	10	1	1	31	
23	1	1	1	1	1	2	2	3	5	36	62	83	109	111	98	104	107	98	78	43	7	2	2	2	40	
24	3	3	3	3	4	5	7	22	27	34	40	49	76	74	72	51	38	49	53	23	0	2	21	27	27	
25	49	43	44	47	65	41	38	30	32	32	35	40	44	52	60	65	38	42	48	52	39	25	12	29	42	
26	15	0	28	34	11	3	6	10	8	24	****	****	57	59	70	41	25	34	31	23	21	31	12	4	25	
27	2	2	5	31	42	34	22	22	31	39	45	51	52	52	50	40	38	36	34	28	11	4	1	1	28	
28	4	9	20	26	16	6	6	16	20	27	53	73	46	49	42	47	46	40	36	16	1	1	1	1	25	
29	1	1	1	1	1	1	1	9	24	42	50	56	51	35	41	50	50	51	90	66	54	52	48	50	34	
30	49	45	39	30	26	13	2	1	1	0	5	12	40	50	29	15	15	30	13	8	1	0	0	8	18	
31	13	25	26	36	32	21	15	10	25	41	46	53	61	51	56	55	47	35	43	30	17	7	10	12	32	
MEAN	13	13	13	15	15	9	7	12	20	31	38	47	53	56	58	56	51	50	40	27	20	16	12	10	28	2

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT													UNITS - PARTS/BILLION												
STATION - NO 34002 SC CTR 770 DON MILLS RD TORONTO													MONTH - JUN 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	18	17	20	14	16	17	30	28	34	40	41	43	43	46	46	45	37	34	22	14	5	2	2	26
2	3	7	8	10	5	2	3	6	8	10	15	23	31	43	44	54	50	28	15	8	3	9	13	34	18
3	42	39	38	31	32	27	11	13	38	44	39	31	34	32	42	43	42	41	24	5	1	0	0	0	27
4	0	0	0	0	0	0	0	11	32	51	48	74	72	90	87	68	51	13	17	12	20	6	3	2	27
5	13	24	26	34	32	21	12	15	11	15	***	***	12	14	11	12	10	5	10	0	0	0	0	0	13
6	0	0	1	1	0	0	0	10	20	34	36	31	30	29	25	22	21	21	18	15	12	12	10	10	15
7	8	9	9	15	13	12	10	10	15	25	25	25	25	24	23	23	24	19	13	9	11	14	10	6	16
8	7	8	8	8	7	8	8	16	18	22	24	28	31	31	34	34	32	29	23	17	14	5	7	3	18
9	8	13	14	12	7	2	3	6	11	15	15	21	***	33	32	34	31	17	10	14	17	13	20	12	16
10	0	0	0	0	0	0	0	3	36	49	46	49	48	48	49	46	44	19	45	37	17	16	29	31	26
11	17	11	2	0	0	0	0	11	34	47	61	66	74	91	91	63	38	48	16	14	30	26	24	23	33
12	23	26	21	19	14	2	1	1	3	10	26	24	***	40	37	41	40	40	39	26	28	23	23	14	23
13	32	27	23	26	27	22	17	9	5	***	13	17	22	22	20	22	25	27	28	15	0	0	0	0	17
14	0	0	0	0	0	7	6	18	27	37	44	39	51	62	71	76	72	71	59	52	20	34	34	30	34
15	13	6	2	13	22	25	21	17	17	33	48	51	62	71	75	74	74	71	64	35	24	6	21	27	36
16	24	28	29	31	22	14	10	11	15	10	***	26	34	43	43	45	48	32	24	24	28	22	6	1	25
17	7	12	21	14	3	3	9	24	32	42	53	62	69	83	76	75	82	58	73	59	42	29	25	***	41
18	***	***	***	***	***	23	19	11	26	***	50	56	57	51	48	48	48	49	50	42	18	1	0	0	33
19	0	0	***	***	***	***	***	***	***	***	***	***	***	47	45	43	43	41	36	27	15	8	6	7	***
20	6	4	4	7	6	6	4	6	8	23	20	34	33	31	25	23	35	35	31	14	6	4	4	4	16
21	4	4	4	4	4	4	4	13	36	35	40	38	39	72	76	84	90	87	61	57	47	8	4	4	34
22	4	4	4	4	3	4	***	***	19	61	54	77	133	134	106	115	110	97	84	65	29	34	46	24	57
23	5	3	0	0	3	4	0	15	15	32	***	***	***	88	81	70	51	39	25	31	31	34	21	26	27
24	26	23	14	7	6	2	1	1	5	28	26	39	42	40	29	29	28	25	19	14	9	4	4	4	18
25	2	2	2	2	2	2	2	6	18	29	29	29	27	22	24	29	23	28	22	6	0	0	0	0	13
26	0	0	0	0	0	0	3	10	23	37	47	53	54	58	58	72	76	85	77	54	55	28	11	15	34
27	8	4	0	0	0	0	1	12	22	35	52	45	48	70	59	64	80	79	75	63	31	10	0	0	33
28	0	0	0	0	0	0	1	14	42	62	83	87	96	101	104	106	102	106	96	68	10	3	0	0	45
29	0	0	0	0	0	1	12	26	34	41	45	50	56	59	60	55	58	56	46	26	8	0	1	2	27
30	5	10	10	0	0	0	2	22	37	43	44	***	47	51	40	45	52	53	52	26	5	0	0	0	24
MEAN	9	10	9	9	8	7	6	12	22	33	39	43	49	54	52	52	51	45	40	29	19	13	11	10	26



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT										UNITS - PARTS/BILLION														
	STATION -										MONTH - JUL 75														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	4	46	58	68	73	75	75	78	74	76	72	59	44	32	10	0	0	35
2	0	0	0	0	0	0	0	10	37	66	73	90	107	117	74	56	69	67	70	64	59	66	68	59	48
3	45	36	29	18	9	6	2	7	31	40	41	42	51	52	54	52	38	31	20	6	1	7	0	1	26
4	3	3	4	3	5	1	0	3	13	27	37	44	56	71	78	61	40	29	22	5	0	0	0	0	21
5	0	0	0	0	0	0	1	12	27	35	73	123	135	122	113	109	86	66	55	29	6	1	0	0	41
6	0	0	0	0	0	0	0	9	45	41	52	57	62	70	69	50	32	48	56	42	20	1	1	0	27
7	0	1	1	0	0	0	1	18	47	64	83	85	111	86	89	110	115	98	73	8	12	0	0	0	42
8	0	0	0	0	0	0	2	21	44	58	76	87	92	98	108	83	77	57	29	18	23	25	18	14	39
9	15	14	15	14	12	6	1	6	11	18	28	33	34	31	34	36	26	31	25	18	9	14	5	20	19
10	28	30	32	32	28	13	4	11	17	22	31	36	21	14	33	36	32	39	28	6	0	0	3	6	21
11	12	13	12	9	9	4	2	6	10	12	16	23	23	28	26	26	27	38	32	13	9	2	0	0	15
12	0	0	0	0	0	0	0	4	23	44	54	56	62	55	53	59	42	53	49	36	29	13	1	0	26
13	0	0	3	17	30	27	25	34	40	42	43	64	77	82	71	53	72	70	63	50	46	41	30	31	42
14	45	43	25	16	11	20	14	21	19	22	35	48	51	46	41	43	49	53	56	49	43	39	35	29	36
15	30	30	25	15	6	3	7	7	12	23	38	56	66	70	69	68	72	71	61	34	3	1	0	17	33
16	34	22	5	2	0	0	0	1	26	39	58	89	91	106	107	105	106	107	95	72	54	46	21	2	50
17	0	0	1	3	2	1	4	28	42	53	65	92	106	129	122	113	101	77	68	55	31	41	29	10	49
18	0	0	0	0	0	0	0	27	34	39	77	79	77	79	71	76	77	74	71	70	81	54	43	51	45
19	57	45	37	37	25	24	24	16	20	18	15	18	27	38	43	47	40	37	23	26	20	10	8	5	28
20	4	2	6	15	14	3	5	10	9	7	7	20	19	16	18	24	19	12	8	1	0	0	1	12	10
21	19	24	23	12	12	9	3	7	19	20	26	****	****	****	24	30	28	26	23	14	12	10	4	0	16
22	5	7	3	2	1	2	2	4	14	24	28	35	36	50	51	34	27	37	11	0	2	13	10	0	17
23	0	0	0	0	0	0	0	1	13	24	32	39	51	42	46	37	34	21	13	1	16	2	0	0	16
24	3	4	0	0	0	5	16	30	46	34	****	42	44	35	40	45	50	50	49	43	32	29	25	23	28
25	28	26	20	17	15	11	8	9	16	21	21	18	18	19	16	19	19	18	20	17	13	2	0	1	16
26	2	0	0	0	0	0	0	6	19	26	31	25	41	48	51	47	48	43	35	31	12	3	3	0	20
27	0	0	0	0	3	2	9	21	31	32	38	47	57	62	59	59	59	45	21	3	0	0	0	0	23
28	0	6	10	13	10	3	3	4	13	17	18	18	21	24	22	21	22	22	18	13	4	0	0	0	12
29	0	0	0	0	0	0	0	0	2	31	38	25	29	30	26	32	44	45	25	13	10	4	0	0	15
30	0	0	0	0	0	0	0	0	10	18	41	55	71	85	96	79	48	34	21	8	0	1	0	7	24
31	14	23	21	35	25	27	15	19	35	63	85	****	112	129	134	119	115	125	115	47	18	2	0	0	56
MEAN	11	11	9	8	7	5	5	11	25	33	44	52	61	64	62	58	55	51	42	27	19	14	10	9	28.8

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION															
	STATION -			NO 34002 SC CTR 770 DON MILLS RD TORONTO												MONTH - AUG 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN			
1	0	0	0	0	0	0	0	0	26	57	80	92	118	125	122	120	111	97	76	60	25	6	0	0	46			
2	0	0	0	0	0	0	0	0	4	32	81	136	116	109	130	118	109	84	82	82	52	3	0	0	47			
3	0	0	33	31	37	41	42	34	36	51	57	56	47	31	52	50	49	43	41	26	21	12	4	0	33			
4	0	0	0	0	0	9	12	18	21	22	25	26	29	28	31	45	40	33	23	9	0	0	0	15				
5	0	0	0	0	0	0	1	1	4	9	14	20	***	41	35	28	23	24	15	7	7	7	6	9	11			
6	12	12	9	9	3	0	0	3	7	10	13	15	16	20	16	14	13	9	6	12	2	0	0	0	8			
7	0	0	0	4	2	0	0	2	7	18	***	31	35	32	34	33	30	23	8	0	0	0	0	0	11			
8	0	0	0	0	0	0	2	9	28	41	50	43	51	58	58	59	56	45	35	5	1	18	6	1	24			
9	1	1	1	1	1	15	29	43	52	75	87	91	92	96	88	86	81	65	57	64	38	31	59	62	51			
10	63	62	49	38	34	38	46	52	63	62	74	85	91	87	81	84	73	51	42	35	39	34	48	55	58			
11	49	43	27	11	21	12	11	29	21	35	54	64	73	64	44	31	44	32	16	12	3	0	0	0	29			
12	0	0	0	0	0	0	10	19	32	***	72	79	83	49	30	21	24	10	0	1	1	0	0	0	19			
13	0	0	0	0	0	2	1	0	9	12	26	20	31	38	51	30	54	43	18	13	11	35	24	26	19			
14	25	25	20	16	4	2	10	19	26	30	29	28	27	27	25	19	13	9	0	0	0	0	0	0	15			
15	0	0	0	0	0	0	0	0	6	20	20	21	29	26	17	16	19	13	10	12	2	0	0	0	9			
16	2	3	15	11	8	9	16	30	40	55	68	72	68	72	74	78	77	67	57	46	28	0	0	0	37			
17	0	0	0	0	0	1	7	35	50	48	71	76	69	71	68	57	50	42	24	34	22	20	20	18	33			
18	19	17	16	12	3	4	10	18	20	17	***	19	***	25	23	25	25	28	23	10	9	10	7	4	16			
19	2	2	2	2	2	2	2	7	16	23	22	25	28	31	30	***	***	***	***	***	***	8	1	1	11			
20	0	0	0	0	0	0	0	2	11	12	34	39	32	29	41	41	34	35	21	10	3	3	2	2	15			
21	2	3	3	3	3	3	3	3	3	3	3	8	15	19	26	13	3	3	3	3	14	8	10	17	7			
22	12	12	16	25	26	22	14	16	19	24	22	23	24	22	22	24	25	22	16	4	2	2	2	2	17			
23	0	0	0	0	0	0	0	2	11	19	34	30	29	32	38	35	41	26	30	16	***	***	***	***	17			
24	8	1	1	1	1	1	1	1	4	8	3	3	14	14	7	5	6	8	7	1	0	0	0	0	4			
25	0	0	2	2	2	1	***	***	***	2	7	***	***	8	7	6	4	5	5	2	0	0	0	0	3			
26	0	0	0	1	0	0	0	0	0	0	0	0	***	***	11	9	11	15	11	8	8	8	8	8	4			
27	11	10	10	10	11	10	9	10	13	15	17	16	17	16	16	16	16	15	12	4	5	5	5	5	11			
28	4	4	4	2	2	2	2	0	0	5	14	10	***	26	42	71	69	55	16	1	2	14	9	17	16			
29	8	23	40	40	27	13	9	19	22	24	19	14	21	18	8	9	18	21	15	4	4	9	19	16	18			
30	11	20	23	23	30	27	15	12	13	14	16	18	18	21	29	28	31	20	23	8	17	16	16	25	20			
31	26	24	22	18	20	17	15	12	13	17	24	25	28	27	28	26	27	27	23	17	17	19	17	14	21			
MEAN	8	8	9	8	8	7	9	13	19	25	36	39	46	42	41	40	40	32	24	17	11	9	9	9	21	1		



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT													UNITS - PARTS/BILLION												
STATION - NO 34002 SC CTR 770 DON MILLS RD TORONTO													MONTH - SEP 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	16	19	18	18	18	17	15	14	15	13	12	9	6	8	15	12	10	3	0	0	0	0	0	0
2	0	0	0	0	4	3	0	0	11	27	***	32	27	22	23	20	18	18	13	10	7	5	5	5	11
3	2	2	2	2	2	2	2	3	9	16	19	18	22	22	19	22	19	21	11	3	4	4	4	4	10
4	3	3	3	3	3	3	3	3	17	25	***	***	22	23	24	21	22	12	7	2	2	2	2	2	9
5	3	3	0	0	0	0	0	0	3	8	***	12	19	21	11	4	2	2	2	2	2	3	3	5	4
6	3	3	3	3	3	3	5	15	24	28	29	29	27	27	25	26	25	20	10	7	5	14	10	4	15
7	5	7	4	4	6	7	11	17	21	26	25	21	21	29	26	31	35	***	***	***	***	***	***	***	17
8	***	***	***	***	***	***	***	***	***	***	***	***	***	***	15	16	16	17	15	8	12	13	13	10	13
9	20	17	16	14	12	3	0	3	11	19	21	21	23	26	16	16	17	15	8	12	13	13	10	13	***
10	0	0	0	0	0	0	0	0	2	4	***	13	14	23	28	35	29	22	11	4	4	4	4	0	13
11	2	2	2	1	1	0	0	0	11	20	***	***	***	27	25	15	15	15	12	11	8	24	26	25	12
12	26	6	26	24	19	8	1	9	3	11	17	14	16	13	15	16	16	11	7	3	3	4	5	6	12
13	6	8	7	9	9	7	6	8	15	10	13	17	18	16	19	23	25	24	17	9	5	5	7	3	12
14	3	3	3	3	4	6	8	15	19	21	25	25	25	28	29	30	29	14	6	4	3	2	3	3	13
15	3	2	2	2	2	2	1	0	0	0	0	0	0	28	32	28	19	14	10	3	2	1	1	0	9
16	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	9	11	11	5	2	2	1	1	1	2
17	0	0	0	0	0	0	0	0	0	15	4	54	61	74	78	71	62	46	32	34	38	41	47	39	31
18	40	53	55	47	37	21	7	2	7	10	***	***	13	12	11	12	12	11	11	16	19	16	16	15	20
19	24	25	25	21	14	4	1	1	1	11	10	14	31	47	50	55	61	26	2	1	1	0	1	1	18
20	6	6	2	2	3	2	3	14	9	15	18	15	28	29	30	30	21	9	12	19	8	5	1	1	12
21	4	3	2	3	6	6	4	4	5	7	9	12	13	13	18	20	18	9	10	10	9	8	6	3	8
22	2	4	5	4	2	0	0	0	0	1	8	***	13	9	4	6	4	3	2	1	2	1	1	1	3
23	1	1	1	1	1	1	1	0	3	12	22	20	27	28	27	18	8	3	1	1	1	1	1	1	6
24	8	9	10	10	8	3	1	1	2	4	5	5	10	14	10	11	9	6	1	1	2	3	5	10	6
25	15	16	15	14	12	5	2	1	1	3	***	0	4	6	5	3	4	8	8	10	11	10	9	10	7
26	12	12	12	12	9	6	5	3	5	5	6	6	6	7	8	10	6	7	8	9	8	9	10	9	8
27	9	9	18	27	23	15	12	9	10	15	15	17	20	19	19	19	19	19	14	9	6	6	6	5	14
28	7	7	8	11	13	14	14	14	15	21	28	34	38	39	35	33	32	31	14	7	6	5	5	4	18
29	4	3	4	5	6	5	4	3	2	4	***	22	35	53	58	61	53	31	18	16	21	30	32	36	22
30	39	26	19	26	30	31	15	14	15	24	32	37	43	35	38	36	21	28	34	23	17	15	11	9	26
MEAN	9	9	9	9	9	6	4	5	8	13	18	19	22	24	24	24	22	16	10	8	7	8	8	8	12.4

NOTES 1        \*\*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2        -        INDICATES DATA IS UNAVAILABLE  
3        \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT													UNITS - PARTS/BILLION																			
STATION -			NO 34002										SC CTR 770 DON MILLS RD TORONTO										MONTH - OCT 75									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN							
1	11	18	25	21	17	10	7	6	10	8	8	9	8	7	7	7	6	7	7	7	10	13	14	17	11							
2	17	19	20	21	17	14	8	11	17	11	***	***	20	22	25	24	23	21	14	7	5	5	4	15								
3	5	5	6	6	5	5	5	6	9	14	23	27	28	31	31	28	28	21	14	7	5	5	4	11								
4	12	9	8	8	8	6	5	5	7	10	23	37	32	43	43	35	28	32	35	37	39	30	23	19								
5	5	6	7	8	10	10	5	8	11	14	25	32	50	59	59	58	57	38	14	6	7	15	19	20								
6	23	29	30	28	20	23	12	10	12	19	***	***	29	31	29	26	20	13	7	3	3	3	3	23								
7	8	9	6	5	4	4	4	3	8	15	21	24	29	31	31	19	17	7	3	3	3	3	3	17								
8	2	2	2	2	2	2	2	1	1	1	1	1	12	24	30	24	12	12	7	19	24	23	24	11								
9	26	24	29	28	28	24	17	12	13	15	***	***	11	11	16	13	12	19	16	11	6	4	7	16								
10	4	5	7	6	4	3	4	3	3	4	6	10	9	11	8	9	12	13	8	3	5	10	5	6								
11	8	4	3	3	3	3	3	4	9	11	13	13	14	9	12	13	12	9	5	6	5	7	8	9								
12	3	12	17	17	17	19	14	9	21	25	29	29	30	31	27	21	22	11	14	9	4	3	3	8								
13	4	2	2	2	3	3	3	4	14	6	20	19	21	26	18	20	24	12	4	4	4	4	4	9								
14	4	3	3	4	5	7	3	3	5	11	***	***	31	41	36	20	8	4	4	1	1	1	0	9								
15	1	1	1	1	1	1	1	1	2	8	16	20	24	18	17	15	8	0	1	3	4	5	20	8								
16	25	23	21	15	10	6	1	2	4	7	***	***	11	9	9	8	9	9	9	8	10	12	6	10								
17	6	6	5	3	3	3	3	3	3	7	14	16	17	17	11	5	3	0	0	8	14	7	10	7								
18	10	13	17	18	19	16	10	10	9	9	9	10	14	13	11	10	11	12	10	8	11	14	13	12								
19	14	15	16	15	13	11	7	6	6	8	9	9	7	6	5	3	2	2	3	2	2	2	2	7								
20	4	4	3	3	1	4	1	0	0	0	***	***	4	10	7	12	6	3	2	2	2	2	3	3								
21	5	20	24	21	17	9	***	0	1	3	8	15	14	18	22	12	10	2	1	3	1	1	1	9								
22	0	0	1	7	11	4	0	0	0	3	6	16	23	27	7	16	4	0	0	0	0	6	4	9								
23	6	12	13	7	3	3	0	0	0	7	***	***	35	28	25	2	19	1	1	4	2	2	2	6								
24	2	2	2	2	2	1	1	0	0	17	36	56	55	61	61	60	41	20	1	1	2	2	19									
25	18	17	23	26	27	22	12	20	19	18	14	16	14	11	10	11	10	2	3	2	3	3	3	13								
26	3	3	3	3	3	3	3	3	5	13	25	31	32	28	25	25	20	7	3	3	3	3	3	19								
27	2	2	2	2	1	1	1	1	0	1	5	12	22	16	16	18	8	2	2	3	3	3	3	11								
28	1	1	1	1	1	1	1	1	1	2	4	7	8	17	17	13	5	7	12	5	5	3	2	5								
29	4	17	25	25	25	22	18	8	10	16	18	18	18	17	17	15	9	6	8	10	2	16	13	4								
30	13	24	24	28	23	27	21	11	13	23	27	***	0	14	28	25	11	2	2	2	2	2	2	14								
31	2	2	2	2	2	2	1	1	1	5	9	14	***	***	***	***	***	***	***	***	***	***	***	14								
MEAN	8	10	11	11	10	9	6	5	7	10	15	19	21	23	22	20	15	9	7	6	7	7	7	8								

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT														UNITS - PARTS/BILLION											
	STATION -														MONTH - NOV 75											
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	4	4	5	3	4	9	6	9	7	5	7	7	9	7	6	6	6	3	2	2	2	2	2	3	5	
2	1	1	1	1	1	1	2	1	3	5	3	3	2	2	1	1	1	1	1	3	4	3	5	4	2	
3	1	2	4	4	2	2	2	2	2	3	6	11	15	3	2	1	0	0	1	2	1	2	4	4	3	
4	7	8	7	14	13	10	0	4	12	20	22	20	24	23	23	11	2	1	3	1	1	3	10	7	10	
5	2	19	16	6	1	1	1	1	1	13	18	20	23	21	12	4	0	0	1	1	1	2	2	2	7	
6	3	4	10	8	2	2	2	2	0	0	0	0	1	1	5	3	1	0	1	1	1	1	1	1	2	
7	1	2	2	2	1	1	1	1	0	0	0	5	3	1	0	2	0	0	1	3	2	0	3	1	2	
8	1	1	1	2	3	7	6	4	4	2	2	3	10	21	21	18	12	2	3	0	0	1	1	1	5	
9	10	17	17	12	11	9	16	21	25	21	22	20	13	17	17	13	13	9	18	21	25	22	22	17	17	
10	15	18	21	21	15	16	21	12	4	6	6	8	13	12	12	10	10	17	20	22	21	23	22	22	15	
11	21	22	11	15	10	11	10	3	2	7	17	18	18	21	20	1	0	0	0	0	1	1	1	1	9	
12	1	1	4	8	11	5	1	1	1	3	***	2	2	2	0	0	0	0	0	0	0	0	1	3	2	
13	6	6	5	5	4	4	2	2	2	3	6	1	11	11	12	11	5	4	10	14	14	20	23	26	9	
14	29	30	32	32	33	32	27	17	13	18	23	25	22	22	23	21	11	15	15	13	12	9	20	4	21	
15	2	4	6	13	13	4	2	1	5	5	10	10	8	16	15	9	5	5	2	2	2	2	2	2	6	
16	1	1	1	10	19	17	15	8	14	16	14	19	18	15	12	7	0	0	0	0	0	0	0	0	8	
17	0	0	1	1	1	1	1	1	1	1	1	3	5	7	8	8	1	0	1	5	5	3	1	0	2	
18	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	2	
19	0	0	0	3	9	6	8	5	0	0	0	0	0	1	5	4	0	0	0	0	0	0	0	0	2	
20	0	0	0	0	0	0	0	0	0	0	0	***	6	3	5	5	2	5	12	6	4	4	7	4	3	
21	10	9	6	4	9	10	5	2	0	4	4	4	4	6	3	3	2	1	1	1	1	1	1	1	4	
22	2	6	15	22	26	29	29	25	23	24	22	24	21	19	19	12	12	7	11	10	9	12	11	7	17	
23	6	5	3	1	1	1	7	6	5	9	12	14	13	8	11	6	9	5	0	0	0	0	0	0	5	
24	0	0	6	3	4	4	3	0	0	2	5	2	***	5	5	4	2	0	0	0	0	0	0	2	7	
25	4	4	5	10	10	13	10	9	10	11	17	17	19	17	14	9	6	2	2	2	4	4	8	7	9	
26	4	6	12	12	12	10	5	0	1	1	1	3	5	9	8	6	3	3	3	0	5	4	6	6	5	
27	4	4	6	10	8	7	6	4	4	1	5	***	3	3	0	0	0	0	0	0	0	0	0	0	3	
28	0	1	0	0	0	0	0	0	0	3	7	11	13	11	9	13	4	0	0	0	0	0	0	0	3	
29	0	0	0	0	0	11	17	18	15	12	15	16	14	13	12	12	10	7	11	6	0	2	2	1	8	
30	0	3	1	4	11	11	9	9	16	18	19	19	16	11	18	19	18	22	23	19	19	12	16	21	14	
MEAN	5	6	7	8	8	8	7	5	6	7	9	10	11	10	10	7	5	4	5	5	4	4	6	5	6	7

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION													
	STATION -												MONTH - DEC 75													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	20	21	22	20	19	20	14	11	9	12	10	***	14	14	14	12	7	5	3	3	0	0	0	0	1	
2	3	3	3	3	0	0	0	0	0	0	8	8	7	4	3	3	0	0	0	0	0	0	0	0	2	
3	2	13	18	28	22	19	8	3	2	6	16	21	24	22	20	21	6	1	0	0	0	0	0	0	11	
4	0	0	0	0	0	0	0	0	0	0	***	***	9	14	14	10	3	5	8	9	9	9	12	5	5	
5	1	1	1	1	1	0	0	0	0	0	0	2	4	3	2	1	0	0	0	1	1	1	2	7	1	
6	10	8	9	8	7	5	13	16	16	13	16	15	14	13	13	12	11	11	12	9	12	10	8	9	11	
7	7	2	2	8	13	11	13	10	10	13	14	13	9	10	11	10	4	1	5	9	1	1	1	2	8	
8	6	4	5	7	9	9	4	1	0	1	1	2	4	5	6	2	1	0	1	2	2	2	1	3	3	
9	8	12	10	7	8	9	7	1	1	2	2	2	***	4	2	4	4	3	3	2	2	1	1	1	4	
10	1	1	1	1	1	2	3	2	2	3	8	11	14	16	14	8	2	4	3	4	1	1	1	1	4	
11	2	3	3	2	9	7	1	1	1	5	***	***	***	26	20	14	1	1	1	1	1	1	1	1	5	
12	2	2	2	4	8	13	3	1	1	2	7	7	7	6	7	15	1	1	1	1	1	1	1	1	4	
13	5	8	12	18	23	24	18	14	9	9	10	4	3	2	2	1	1	1	1	1	1	1	1	1	7	
14	2	2	2	2	2	2	2	3	5	5	7	8	9	15	19	17	16	16	19	19	18	19	15	10		
15	18	16	13	18	17	19	7	2	1	2	8	8	***	***	16	13	11	11	13	15	13	15	18	18	12	
16	19	21	20	21	24	25	22	3	1	9	11	11	8	6	5	4	3	3	6	9	6	4	4	4	10	
17	3	3	3	3	3	4	4	3	4	4	6	16	17	15	12	8	6	6	9	7	6	8	6	6	7	
18	8	7	10	9	19	23	19	12	15	22	26	24	22	***	18	14	12	1	3	3	11	15	20	18	14	
19	20	22	21	20	27	25	20	10	8	11	10	10	8	6	3	2	2	2	2	1	1	2	2	1	10	
20	2	2	4	10	14	20	22	17	17	15	13	13	14	16	16	16	15	12	16	13	16	16	11	6	13	
21	4	4	6	14	17	15	18	15	15	16	19	19	20	23	17	11	2	2	2	1	1	1	1	1	10	
22	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	0	0	0	0	0	0	0	0	0	1	
23	9	13	17	18	17	13	12	4	2	7	21	27	26	29	27	24	15	2	3	3	5	2	1	1	12	
24	1	1	1	1	1	1	1	1	1	0	0	2	4	1	2	3	2	9	10	13	17	18	19	5	5	
25	21	20	10	5	24	23	2	2	2	2	2	4	3	4	2	2	2	2	2	2	2	2	2	2	6	
26	2	2	2	2	2	2	4	4	5	7	7	4	4	4	4	4	4	4	5	7	3	3	2	3	4	
27	3	6	11	11	11	7	11	16	14	10	10	15	19	23	23	20	10	0	0	0	0	0	0	0	9	
28	0	0	0	0	0	0	0	0	0	0	0	0	0	6	5	5	3	0	0	0	0	0	0	0	1	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	4	5	7	0	0	0	0	0	3	2	
30	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	3	2	2	2	3	17	2	
31	14	22	29	30	27	27	9	3	3	3	3	5	5	7	7	12	4	4	4	4	4	5	10	11	11	
MEAN	6	7	8	9	11	11	8	5	5	6	8	9	10	10	10	9	5	3	4	4	4	4	5	5	6	9

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - NO 34002 SC CTR 770 DON MILLS RD TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	5.3	20	37
FEB	16	15.2	34	64
MAR	25	25.9	41	69
APR	29	30.4	45	81
MAY	30	28.2	42	111
JUN	29	26.4	57	134
JUL	31	28.8	56	135
AUG	31	21.1	58	136
SEP	29	12.4	31	78
OCT	30	11.3	23	61
NOV	30	6.7	21	33
DEC	31	6.9	14	30
YEAR	342	18.2	58	136

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - NO 34002 SC CTR 770 DON MILLS RD TORONTO

MONTH	00 TO 10	11 TO 20	21 TO 30	31 TO 50	51 TO 80	81 TO 100	101 TO 150	151 & OVER	TOTAL
JAN	585	60	59	15	0	0	0	0	719
FEB	185	107	58	66	3	0	0	0	419
MAR	148	89	116	258	18	0	0	0	629
APR	124	95	92	314	64	1	0	0	690
MAY	263	82	72	157	122	25	6	0	727
JUN	230	102	112	142	76	18	10	0	690
JUL	266	99	93	130	103	20	28	0	739
AUG	320	131	103	81	57	19	11	0	722
SEP	379	161	93	39	14	0	0	0	686
OCT	423	171	91	26	9	0	0	0	720
NOV	528	131	51	4	0	0	0	0	714
DEC	534	157	43	0	0	0	0	0	734
YEAR	3985	1385	983	1232	466	83	55	0	8189

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT  
OF DATA  
VALID

MIN

10

30

FREQUENCY DISTRIBUTION, PERCENT

50

70

90

95

98

99

MAX

ARITH  
MEAN

93.5 0 0.0 2.6 10.7 23.4 45.2 57.3 76.2 89.5 136 18.2



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION													
	STATION - NO 35003 ELMCREST ROAD, ETOBICOKE												MONTH - JAN 75													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	0	0	0	0	0	0	0	1	3	7	8	10	12	16	15	18	17	17	18	19	20	21	20	9	
2	22	23	23	22	22	21	12	1	0	11	17	12	17	19	22	20	1	0	0	2	1	0	0	0	11	
3	0	0	5	2	0	1	7	2	2	3	4	8	13	12	11	12	10	8	7	2	2	3	2	1	5	
4	6	16	15	16	16	16	17	14	13	14	15	17	20	12	11	14	8	5	1	0	0	0	0	0	10	
5	0	0	0	0	0	0	0	0	2	10	13	15	17	23	24	21	15	7	1	0	0	1	1	0	6	
6	1	0	0	0	1	0	0	0	0	3	6	8	8	8	7	2	1	2	5	4	9	6	3	0	3	
7	2	6	8	9	8	7	4	1	1	3	6	6	9	9	14	11	1	1	0	0	0	0	0	0	4	
8	0	0	0	2	4	4	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
9	1	2	3	2	0	1	1	1	2	3	7	9	12	12	10	6	2	0	0	0	2	14	0	3	4	
10	2	3	8	14	13	6	7	1	2	4	7	***	0	0	0	0	0	0	0	0	0	0	2	2	3	
11	1	4	14	11	13	17	12	13	19	26	27	27	25	26	29	28	26	25	25	25	25	22	24	24	20	
12	24	21	20	19	20	20	19	18	19	19	19	19	19	18	19	19	18	18	18	15	10	5	5	3	17	
13	6	3	5	9	8	6	6	3	5	12	11	9	15	12	10	9	10	5	2	2	0	1	1	5	6	
14	9	11	15	17	18	18	14	4	7	9	12	18	18	19	20	19	15	9	12	7	8	9	12	12	13	
15	16	16	16	12	13	12	8	2	5	12	17	24	27	***	11	9	4	0	9	14	18	20	16	17	13	
16	18	18	19	22	21	13	12	2	7	20	25	25	***	24	22	20	15	10	16	20	18	6	6	2	16	
17	2	11	19	13	13	9	1	1	6	18	19	21	25	25	***	11	12	7	5	4	2	2	2	4	7	
18	0	0	0	4	7	12	14	14	15	12	9	12	10	11	12	7	9	0	0	1	1	1	0	10		
19	5	10	12	20	21	23	21	20	19	18	19	20	23	23	23	21	21	21	18	18	14	10	9	3	17	
20	12	13	15	18	19	12	0	0	0	2	4	8	12	12	12	7	10	12	15	10	9	11	2	1	9	
21	1	2	0	0	0	2	2	0	2	2	4	6	9	12	10	10	7	5	8	18	20	18	12	9	7	
22	5	3	16	20	20	20	13	9	12	18	18	19	18	17	13	7	0	0	0	0	0	0	0	0	10	
23	0	0	0	0	0	0	0	0	0	3	9	12	***	18	19	18	16	11	11	16	18	19	18	12	9	
24	13	15	13	11	9	4	1	1	1	2	3	6	8	8	10	7	3	0	0	0	0	0	0	0	5	
25	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	13	16	11	12	11	3	3	
26	10	10	10	9	8	9	9	9	9	16	20	21	20	20	20	21	20	19	19	22	22	19	19	16	12	
27	20	17	4	2	0	0	0	0	4	20	23	23	24	***	27	27	25	19	15	10	8	5	0	0	12	
28	0	0	0	0	0	0	0	0	0	1	2	11	18	12	9	7	2	0	0	1	1	1	1	1	3	
29	0	2	2	2	7	9	2	1	1	1	1	2	3	***	5	1	0	8	18	19	21	22	22	7	7	
30	22	19	19	23	24	25	16	4	2	10	13	17	19	16	15	18	13	8	0	0	0	0	0	0	12	
31	0	0	0	0	0	0	0	0	1	8	22	27	25	26	27	25	20	7	4	3	3	8	3	8	9	
MEAN	6	7	8	9	9	8	6	4	5	9	12	14	15	14	15	13	10	7	7	8	8	8	6	6	8	9

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POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION														
STATION - NO 35003 ELMCREST ROAD, ETOBICOKE												MONTH - FEB 75														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	9	13	17	18	14	18	18	10	8	9	16	21	20	22	22	20	18	11	4	1	0	0	0	0	12	
2	0	0	2	2	0	0	0	0	0	4	10	22	24	22	28	27	23	11	0	0	0	1	2	10	8	
3	16	15	14	16	25	22	14	2	2	11	25	28	29	28	29	28	21	7	9	8	5	6	5	2	15	
4	5	6	2	3	2	2	1	4	2	0	1	4	10	14	***	12	8	3	2	1	0	0	0	0	4	
5	0	0	0	0	0	0	0	0	0	1	2	1	0	0	1	2	0	0	0	0	0	0	0	0	0	
6	0	0	0	0	0	0	0	0	2	6	7	9	14	17	23	22	13	5	2	0	0	1	17	24	7	
7	23	23	22	14	19	23	17	11	7	19	26	27	26	***	28	28	22	16	20	15	12	3	7	11	18	
8	18	18	13	14	14	14	9	9	12	24	25	27	27	27	27	24	22	18	16	14	10	15	15	13	18	
9	14	16	15	12	19	23	22	13	13	14	12	14	25	25	26	21	20	15	11	11	6	8	12	10	16	
10	7	13	17	17	13	15	12	7	10	19	17	16	24	26	26	25	19	13	2	0	0	0	0	0	12	
11	0	0	0	0	0	0	0	0	1	3	6	11	15	24	27	23	15	1	0	0	0	0	0	0	5	
12	0	4	4	3	6	4	1	0	2	8	10	8	***	***	25	19	3	0	0	21	43	35	34	30	12	
13	34	30	30	33	38	36	25	5	14	32	38	41	44	44	44	42	37	18	0	5	2	28	28	20	28	
14	18	34	38	39	36	24	23	21	27	31	36	40	41	42	44	39	27	22	13	18	13	15	11	25	10	
15	4	3	0	0	0	0	0	0	3	7	18	20	14	24	23	22	8	7	11	7	4	10	6	1	8	
16	0	0	0	0	4	10	10	10	21	27	39	39	44	43	47	38	35	33	19	5	5	6	0	0	18	
17	0	2	2	2	1	0	3	16	27	27	31	30	1	***	14	16	9	6	9	3	0	0	0	0	9	
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
19	0	0	0	0	0	0	0	0	0	0	31	49	51	***	***	36	25	29	28	24	7	4	20	31	15	
20	29	41	49	48	48	47	31	16	18	36	36	47	53	55	55	54	53	49	48	49	48	41	29	33	42	
21	34	30	27	17	2	6	3	2	6	17	27	48	66	78	82	85	79	63	44	14	1	1	0	0	31	
22	0	0	0	0	0	0	0	1	3	9	14	20	19	39	32	21	17	19	12	5	2	3	1	1	9	
23	0	0	0	0	1	0	0	0	2	2	4	6	11	4	3	2	1	1	8	11	18	15	12	13	5	
24	23	31	42	43	41	31	22	10	7	8	8	8	8	8	6	4	1	1	12	10	14	19	25	32	17	
25	35	33	38	32	24	21	27	24	34	31	39	37	31	38	36	44	50	47	41	37	42	45	42	46	36	
26	49	52	52	52	50	50	46	43	41	42	45	***	49	49	49	48	44	42	40	39	37	36	36	33	45	
27	35	36	34	32	34	31	26	21	22	23	25	24	26	28	28	27	26	21	18	15	14	14	11	13	24	
28	13	13	12	11	9	4	1	2	4	11	11	11	20	15	11	11	12	11	23	35	41	34	32	38	16	
MEAN	13	15	15	15	14	14	11	8	10	15	20	23	26	28	28	26	22	16	14	12	12	12	13	13	16	3

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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT													UNITS - PARTS/BILLION												
STATION -			NO 35003 ELMCREST ROAD, ETOBICOKE										MONTH - MAR 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	35	34	38	42	39	44	46	41	41	45	46	47	47	47	48	49	47	23	0	0	0	18	30	31	35
2	32	32	10	0	0	0	0	0	16	43	48	50	51	50	50	47	45	41	39	35	35	29	34	35	30
3	42	34	32	40	36	35	20	13	24	34	41	42	44	44	46	44	40	38	35	32	36	35	32	23	35
4	23	29	30	23	28	14	2	2	14	37	49	52	54	53	53	***	49	39	37	25	22	20	13	14	30
5	28	25	24	18	22	9	0	4	11	17	35	47	52	57	62	61	62	60	42	19	9	21	25	28	31
6	12	11	22	28	30	28	15	5	11	11	21	23	32	35	42	48	64	55	34	20	2	4	23	27	25
7	17	5	6	3	15	19	16	11	13	10	20	***	24	11	12	37	46	46	58	56	53	54	51	48	27
8	49	47	53	21	0	0	0	0	0	0	7	38	37	33	38	42	48	46	29	2	2	3	3	1	21
9	3	0	0	0	0	0	0	0	0	32	43	48	51	52	53	58	65	65	70	42	26	26	12	8	27
10	5	8	6	8	8	8	0	0	0	1	3	11	29	35	32	***	26	14	4	1	0	0	0	0	9
11	0	3	12	27	26	10	2	2	4	9	20	48	33	40	47	52	46	28	17	11	16	19	19	24	21
12	28	9	9	23	24	22	17	4	4	4	3	2	6	***	8	8	10	7	3	3	11	12	19	27	11
13	36	51	61	72	74	70	50	42	45	49	51	52	53	53	53	50	48	44	38	40	35	23	12	15	47
14	2	14	26	30	31	31	30	14	20	33	32	27	26	20	21	22	14	23	21	15	10	8	14	20	21
15	28	31	21	13	6	8	4	6	32	45	50	54	62	69	70	68	72	76	72	66	51	44	34	46	43
16	61	72	51	38	35	25	46	52	59	62	57	63	73	86	81	52	25	9	2	1	1	1	1	2	40
17	1	27	36	40	29	28	19	9	20	29	37	36	48	43	61	66	42	26	5	1	0	0	6	5	26
18	10	15	0	0	0	0	0	0	0	0	3	20	33	43	47	***	60	65	26	2	0	0	2	0	3
19	21	23	13	28	26	18	18	12	5	7	8	6	6	7	7	3	5	3	5	13	29	34	38	42	16
20	48	53	51	51	56	57	50	38	38	44	45	46	46	40	20	46	45	38	34	35	40	37	35	39	43
21	45	45	43	44	42	37	32	26	21	13	16	15	28	29	26	39	27	4	2	7	14	20	22	42	27
22	41	46	51	52	52	48	41	40	35	26	19	15	9	5	4	2	18	44	53	60	57	58	55	52	37
23	52	47	45	43	44	44	46	42	43	51	53	53	55	56	56	57	56	46	25	1	1	3	3	4	39
24	6	18	27	49	53	54	49	36	37	38	38	35	34	31	27	18	10	3	1	0	0	0	0	0	24
25	0	0	0	0	5	15	6	9	20	35	34	35	38	39	45	47	45	42	32	25	37	40	39	36	26
26	42	44	44	43	42	42	40	37	38	42	45	47	50	50	50	50	50	43	44	42	41	40	32	24	43
27	18	23	30	40	48	45	40	36	36	39	43	43	43	48	51	46	45	37	25	30	26	31	28	18	36
28	11	15	20	30	42	39	38	39	35	34	27	33	39	39	30	36	25	29	14	8	13	25	36	34	29
29	38	47	42	39	35	32	22	12	4	9	12	23	23	27	44	58	61	62	51	48	47	56	55	46	37
30	43	46	49	48	48	47	50	52	52	50	50	53	56	57	59	59	55	52	53	55	57	55	56	53	52
31	54	55	51	54	53	52	42	37	42	50	57	58	61	64	63	60	58	37	24	19	15	0	1	0	42
MEAN	27	29	29	31	31	28	24	20	23	30	34	39	41	42	43	44	41	35	28	23	22	23	23	24	30.5

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POLLUTANT - OZONE-CHEMILUMINESCENT													UNITS - PARTS/BILLION												
STATION -			NO 35003 ELMCREST ROAD, ETOBICOKE										MONTH - APR 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	6	19	24	13	13	29	46	55	60	***	59	59	59	50	39	23	8	2	4	6	25
2	20	37	39	45	46	38	29	21	29	29	19	18	14	13	9	6	2	3	6	6	17	25	34	42	23
3	49	53	57	54	51	50	37	31	38	50	52	53	51	53	***	47	48	46	43	44	47	50	47	48	48
4	50	49	47	47	46	47	44	42	43	42	42	43	45	45	46	45	46	45	41	44	47	45	43	44	45
5	44	42	44	46	45	45	43	41	42	44	44	45	45	47	47	48	47	46	44	46	48	53	52	51	46
6	51	49	48	50	48	48	46	47	49	52	51	51	53	53	54	53	53	51	51	50	48	43	45	48	50
7	53	55	55	52	49	41	36	37	40	45	51	52	53	52	52	53	51	48	46	40	41	36	29	46	47
8	45	47	49	50	50	42	44	46	50	55	57	58	***	53	57	57	56	51	46	35	36	35	29	26	47
9	39	51	57	49	46	40	36	43	50	57	59	63	65	66	65	66	63	57	49	34	37	38	40	25	50
10	20	36	34	44	36	36	8	13	20	38	51	55	60	68	72	67	63	58	47	26	41	37	39	33	42
11	35	40	46	55	52	38	23	27	40	52	57	***	***	64	66	60	59	56	35	25	34	27	19	6	42
12	0	4	31	10	7	12	7	19	45	54	57	56	60	60	63	66	67	61	53	38	32	21	1	0	34
13	0	1	6	24	26	29	38	45	55	60	62	62	62	64	62	61	61	59	25	3	1	0	0	0	34
14	0	0	0	2	0	0	3	10	22	40	32	30	33	44	53	50	40	34	24	0	0	0	0	0	17
15	0	0	1	2	18	16	7	14	30	28	42	47	61	70	79	89	72	64	36	20	17	23	20	10	32
16	8	3	20	30	2	12	26	38	53	66	77	78	84	86	87	80	74	49	12	0	0	0	0	0	37
17	0	0	0	0	15	17	6	16	40	64	75	78	66	79	***	80	64	50	26	1	27	31	48	31	35
18	47	45	50	60	65	63	36	12	10	6	4	8	6	3	1	1	10	48	16	15	2	24	11	8	23
19	36	56	47	45	51	55	59	46	42	52	61	58	55	56	63	70	68	67	57	56	52	49	47	47	54
20	45	44	43	41	41	40	39	49	53	55	54	53	54	53	54	55	56	53	45	39	45	46	49	47	48
21	52	54	49	48	52	43	41	54	57	62	62	61	58	61	62	63	64	62	33	13	3	8	1	0	44
22	0	0	0	0	0	0	1	10	32	28	31	44	68	73	57	51	46	33	30	8	0	0	1	1	21
23	0	0	0	0	0	1	1	8	26	28	22	***	52	51	59	62	50	43	27	17	12	41	48	51	26
24	57	56	54	48	44	48	48	44	45	50	50	56	65	72	75	76	67	65	61	68	60	55	44	54	57
25	60	62	63	59	64	62	53	43	31	27	35	39	25	16	12	14	27	49	16	9	9	8	0	1	33
26	0	1	20	38	25	30	30	43	47	50	51	54	57	55	55	54	52	53	48	25	14	18	3	0	34
27	0	0	1	2	4	3	8	32	55	62	63	65	66	65	67	65	62	57	43	25	21	15	2	11	25
28	37	27	22	33	30	14	7	10	19	31	54	57	64	67	63	69	9	7	9	1	6	2	1	3	27
29	14	25	14	6	4	1	1	1	7	23	37	41	***	49	51	48	54	58	53	51	48	23	11	3	27
30	18	20	1	1	1	1	3	8	12	30	41	54	84	89	83	77	81	82	94	98	94	87	71	66	50
MEAN	26	29	30	31	31	30	26	29	37	44	48	51	54	56	56	55	52	50	39	29	28	28	26	24	27.6



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT											UNITS - PARTS/BILLION														
	STATION - NO 35003 ELMCREST ROAD, ETOBICOKE											MONTH - MAY 75														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	69	68	65	57	45	22	3	1	1	1	2	1	4	15	7	5	4	3	1	1	0	2	2		16	
2	22	39	31	2	3	2	10	29	46	60	59	59	57	58	63	62	59	63	23	26	64	30	14	2	37	
3	6	3	0	1	2	1	3	17	40	50	62	65	77	89	79	58	51	57	24	26	42	69	75	64	40	
4	57	57	62	67	58	48	45	47	45	56	58	55	56	51	50	42	33	46	38	42	45	53	58	60	51	
5	58	48	44	34	31	18	8	2	7	9	11	16	18	19	12	3	1	2	5	1	0	12	18	7	16	
6	1	1	2	4	1	0	2	3	4	11	19	17	10	***	31	29	31	22	12	8	6	0	0	0	30	
7	12	33	12	20	24	4	8	13	15	36	45	62	65	84	59	61	58	53	37	21	0	0	0	0	25	
8	0	3	12	14	33	14	9	17	27	23	35	46	53	113	86	46	31	23	7	3	1	0	0	0	21	
9	1	4	16	1	3	3	5	7	11	34	44	49	***	52	53	40	45	47	29	4	7	16	6	9	35	
10	19	34	38	38	28	21	17	23	32	59	44	53	65	61	62	64	61	62	43	3	0	0	1	0		
11	0	0	1	1	1	1	3	27	34	64	76	78	79	82	86	83	83	69	76	67	35	6	3	0	40	
12	1	1	2	0	15	4	1	1	11	12	14	21	6	9	5	2	1	1	0	0	0	4	16	33	7	
13	39	36	40	42	36	21	20	21	40	46	52	58	68	69	73	70	69	62	41	14	20	1	1	1	39	
14	0	8	1	1	1	1	4	18	31	52	***	105	136	126	127	122	110	78	52	72	46	1	16	50		
15	46	63	66	35	13	1	1	3	13	49	59	45	46	32	49	56	53	45	3	8	75	71	44	12	37	
16	44	37	37	49	49	37	37	50	56	65	73	81	93	***	92	89	86	85	59	12	12	23	12	3	51	
17	2	2	9	4	3	7	8	11	32	46	58	75	107	106	101	115	80	80	65	52	39	13	8	0	43	
18	1	1	1	1	1	4	11	44	64	63	82	85	93	108	122	116	105	88	72	46	15	0	0	0	47	
19	5	28	39	0	2	10	30	31	54	76	79	83	89	89	113	107	118	85	69	27	1	1	1	1	47	
20	9	31	76	89	80	70	11	73	106	120	120	109	***	103	106	104	101	99	91	74	62	30	65	81	79	
21	62	8	37	20	7	30	11	35	59	63	72	81	90	99	113	108	124	99	62	52	44	27	43	21	57	
22	16	16	11	8	0	0	0	6	8	19	56	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
23																										
24																										
25																										
26	***	***	***	***	***	***	***	***	***	***	***	61	66	73	60	38	51	61	53	39	22	11	9	1	28	
27	1	11	37	43	34	22	22	29	34	38	46	48	52	49	41	37	35	33	31	13	6	0	0	0	20	
28	6	12	12	11	5	2	15	18	25	30	36	30	37	43	48	46	47	39	24	4	0	0	0	0	20	
29	0	1	0	1	0	0	0	4	18	32	50	47	53	51	49	36	29	38	55	56	46	43	44	36	29	
30	36	34	30	7	2	8	6	1	0	2	5	20	45	35	15	13	17	16	7	0	0	0	0	0	12	
31	15	19	20	24	26	25	28	32	39	42	49	55	60	63	61	62	59	44	40	28	12	16	19	7	35	
MEAN	20	22	26	21	19	14	12	21	32	43	50	54	60	68	65	60	58	53	39	25	23	17	16	13	34	4

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT											UNITS - PARTS/BILLION														
	STATION - NO 35003 ELMCREST ROAD, ETOBICOKE											MONTH - JUN 75														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	8	18	28	26	19	13	20	27	28	40	40	42	46	46	44	47	39	37	31	18	2	1	1	0	26	
2	2	4	4	13	4	2	2	8	12	22	36	28	28	26	47	48	36	20	19	7	28	29	13	16	19	
3	17	21	32	33	28	16	5	11	18	47	45	39	39	32	33	25	30	19	27	7	4	1	2	3	22	
4	1	1	4	13	9	2	7	20	40	54	57	69	78	94	81	55	50	46	22	12	49	32	13	10	34	
5	16	22	32	40	40	32	17	13	12	14	18	12	***	8	5	2	2	3	6	6	1	0	1	1	13	
6	1	12	27	22	19	7	11	22	36	41	40	38	34	28	26	26	27	25	20	14	16	12	13	8	22	
7	7	8	9	13	13	14	12	11	18	24	28	24	25	21	17	29	28	24	21	16	15	15	12	17	17	
8	13	11	11	11	10	9	10	12	16	23	27	31	34	36	38	36	33	29	22	7	8	7	3	8	19	
9	11	11	14	13	10	6	5	11	13	20	***	29	30	23	22	19	15	10	12	6	6	7	14	10	14	
10	3	3	2	2	3	1	1	4	26	46	45	45	45	45	44	40	44	42	21	22	24	12	32	27	24	
11	28	34	31	11	1	1	1	8	39	54	64	77	87	80	57	71	46	34	5	7	21	21	37	11	34	
12	16	14	11	5	0	0	1	0	2	17	32	41	41	45	67	69	70	65	56	54	45	40	14	32		
13	23	31	44	33	28	26	27	25	26	28	30	32	36	32	34	38	45	46	42	23	4	0	0	0	27	
14	0	0	0	0	0	2	11	25	26	51	57	54	63	71	72	72	79	72	76	73	***	32	21	40	39	
15	28	25	28	27	22	23	19	10	16	23	26	34	41	42	43	41	41	39	28	23	19	13	14	14	27	
16	16	15	12	14	13	10	9	9	10	13	14	19	20	20	21	21	21	21	19	19	17	14	12	10	15	
17	0	1	3	4	1	0	1	1	3	5	8	11	12	9	8	6	6	4	4	2	0	0	0	0	3	
18	4	3	2	2	2	2	1	1	3	3	4	4	4	4	4	4	4	4	4	2	4	2	4	3	10	
19	0	0	0	0	0	0	0	0	1	***	***	***	29	27	28	27	25	23	17	11	1	1	0	0	4	
20	2	0	0	5	3	2	1	3	3	4	7	12	4	4	9	8	7	9	1	1	1	0	0	0		
21	0	0	0	0	0	0	0	13	24	24	25	30	38	47	51	49	39	42	42	32	35	8	0	0	21	
22	0	0	1	0	0	0	1	9	19	31	47	78	87	92	89	84	68	54	44	22	14	24	24	21	34	
23	20	14	16	14	10	5	3	1	5	14	19	18	19	17	15	12	10	6	4	5	5	3	1	1	10	
24	2	3	4	3	2	0	0	0	2	3	4	***	***	21	18	20	17	15	12	9	7	7	8	5	7	
25	2	2	1	1	2	0	0	4	14	26	20	19	23	27	20	25	28	29	30	14	0	0	0	0	12	
26	0	0	0	0	0	0	1	8	16	23	41	30	26	34	57	62	62	73	71	57	30	16	13	18	27	
27	20	12	6	3	0	0	1	17	26	35	44	45	47	47	49	105	125	105	80	70	77	78	40	43		
28	47	49	39	62	51	55	45	84	93	97	106	131	105	107	113	110	102	97	82	76	79	60	56	54	59	
29	53	60	62	54	55	43	36	42	57	76	71	57	57	48	49	72	81	76	64	54	48	50	52	64	58	
30	59	53	32	43	45	39	49	69	83	98	93	80	74	***	62	58	59	62	53	47	17	0	1	1	51	
MEAN	13	14	15	16	13	10	10	15	23	33	37	40	42	39	41	41	41	39	32	24	20	16	15	13	25	0



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION													
STATION -		NO 35003 ELMCREST ROAD, ETOBICOKE										MONTH - JUL 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	1	3	5	5	2	10	43	70	72	79	56	84	57	59	51	73	69	65	55	34	8	2	3
2	6	3	4	2	1	1	4	29	55	63	74	71	71	73	72	75	86	84	73	66	71	80	78	71	5
3	62	53	46	29	21	22	4	6	34	41	42	39	48	52	45	36	31	31	19	3	5	6	1	1	2
4	5	7	7	5	3	3	2	3	9	16	23	22	33	32	34	35	17	15	12	2	0	0	0	0	1
5	0	0	0	5	3	3	4	6	13	14	21	45	55	45	36	31	28	24	18	8	8	11	1	1	1
6	1	0	1	1	1	0	1	5	12	16	17	10	16	20	24	24	26	23	23	20	4	0	0	0	1
7	0	0	0	0	0	0	0	1	5	15	20	20	11	9	14	13	13	8	6	3	2	1	0	0	6
8	0	0	0	0	0	0	0	1	2	4	5	***	117	103	86	72	68	57	38	16	14	36	36	28	3
9	24	26	29	27	18	13	12	19	21	34	39	42	47	46	47	43	41	41	41	29	15	26	31	35	3
10	34	33	31	29	20	5	4	16	19	30	36	***	***	39	49	41	34	47	37	18	11	3	15	15	2
11	17	19	14	11	5	4	9	13	14	15	21	24	28	32	33	33	36	32	31	8	1	0	0	1	1
12	1	1	1	1	2	2	4	5	18	39	51	60	63	64	66	65	64	57	39	25	18	6	2	1	2
13	1	0	1	4	3	8	24	31	36	50	64	77	83	86	89	85	75	62	58	47	39	34	30	34	4
14	46	34	16	20	19	20	27	37	47	50	52	57	54	51	58	58	64	67	68	61	55	52	46	40	4
15	23	25	20	18	9	7	8	14	34	59	62	64	69	65	68	77	76	68	50	32	23	19	2	8	3
16	21	13	3	6	6	0	4	15	24	43	44	50	49	47	42	38	33	29	20	13	5	7	6	8	2
17	5	3	3	3	3	1	2	2	2	3	4	4	4	4	3	3	2	2	1	0	0	0	0	0	2
18	0	0	0	0	0	0	0	0	0	0	0	0	***	***	102	102	105	107	105	97	81	73	57	49	4
19	43	45	56	24	26	26	23	23	16	17	27	41	48	61	70	71	75	56	76	73	69	60	42	37	4
20	36	32	28	25	28	23	23	23	25	16	30	47	39	45	49	36	33	25	12	1	6	9	8	32	2
21	37	36	24	19	15	3	5	20	34	38	40	43	47	47	35	36	35	24	24	23	16	9	0	1	2
22	1	1	3	2	2	1	4	14	28	35	***	***	53	61	70	56	42	52	70	64	60	60	39	33	3
23	20	20	40	36	28	6	5	23	33	41	51	57	56	55	55	55	56	57	39	28	32	8	2	8	3
24	26	13	19	24	17	17	7	24	51	46	71	76	69	71	79	81	83	81	73	59	50	45	29	31	4
25	34	32	25	21	19	17	12	22	30	36	37	35	35	***	34	36	36	32	33	29	16	3	2	2	2
26	2	2	3	2	2	2	3	23	34	41	43	46	52	61	56	58	62	49	44	32	5	14	33	28	3
27	19	23	27	34	30	13	13	23	30	19	27	47	72	77	77	78	71	51	38	21	8	9	2	2	3
28	6	10	13	15	11	8	9	13	20	22	21	22	24	24	23	23	22	20	17	11	3	0	0	1	1
29	1	1	1	1	1	2	1	4	12	19	21	22	27	23	22	31	29	27	22	9	8	14	13	13	1
30	4	1	1	1	1	2	2	3	11	18	32	44	55	55	49	46	48	50	37	23	22	19	15	13	2
31	8	12	16	17	18	14	7	13	29	31	29	27	27	27	29	33	30	24	21	5	1	0	0	1	1
MEAN	16	14	14	12	10	7	7	14	24	30	36	42	49	50	51	49	47	44	39	29	23	21	16	16	27.4

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION													
STATION -		NO 35003 ELMCREST ROAD, ETOBICOKE										MONTH - AUG 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	0	1	3	5	***	148	163	146	148	132	111	102	88	58	16	9	10	17	51
2	4	4	6	11	9	2	3	14	36	51	57	79	71	68	60	50	46	34	25	25	9	5	2	0	28
3	0	3	10	9	9	11	7	5	4	6	7	8	8	5	6	6	7	6	5	2	2	1	0	0	5
4	1	1	0	0	0	1	1	2	3	2	2	2	2	3	3	3	2	2	2	0	0	0	0	0	1
5	0	0	0	0	0	0	0	0	0	0	0	1	1	1	***	38	36	31	22	21	22	19	13	18	10
6	18	18	16	15	6	3	3	3	7	13	16	21	25	27	22	22	22	19	8	5	5	0	0	0	12
7	0	2	3	6	3	2	2	6	12	30	42	49	47	***	***	44	33	37	30	12	1	1	1	1	17
8	1	1	1	1	1	1	1	6	24	43	61	71	74	81	77	67	75	76	65	52	50	42	25	27	38
9	15	23	26	16	10	2	13	38	51	65	64	61	64	57	53	48	40	32	26	20	17	14	11	8	32
10	7	6	4	3	3	2	2	2	3	3	4	4	3	3	2	2	2	2	2	2	2	2	0	0	3
11	0	0	0	0	0	0	0	0	0	0	0	***	102	104	94	81	66	47	38	46	22	1	1	1	26
12	2	5	2	2	0	0	2	12	25	39	45	53	20	24	68	65	53	40	27	8	0	0	2	4	21
13	4	2	0	0	0	0	0	1	2	3	36	40	34	***	52	71	79	87	76	47	16	22	45	31	28
14	32	32	31	30	21	8	11	20	34	41	44	44	42	39	37	37	34	25	17	7	0	0	0	0	24
15	3	2	3	2	1	0	0	1	1	4	8	13	***	8	13	12	9	8	4	0	1	0	0	0	4
16	0	1	1	1	4	5	6	17	36	54	74	83	82	88	84	87	95	88	76	66	31	13	8	8	42
17	2	5	2	5	4	16	18	26	43	43	46	60	68	80	78	70	62	57	49	37	15	19	18	14	35
18	12	14	6	10	9	2	5	12	17	21	22	***	38	39	39	38	40	39	32	16	5	4	3	4	19
19	2	3	6	5	2	0	0	5	20	34	39	41	40	***	42	37	33	34	20	7	0	0	0	0	18
20	0	0	4	6	3	0	0	4	***	26	29	34	42	51	59	54	51	33	24	13	2	0	***	2	20
21	1	1	1	1	1	1	0	1	0	2	3	2	7	8	12	44	41	32	38	38	36	40	36	25	15
22	24	23	26	31	38	33	16	24	28	30	31	35	30	30	***	37	36	31	28	3	4	2	2	0	24
23	1	1	3	2	3	3	4	5	17	31	42	45	47	46	45	52	52	38	27	2	0	4	3	2	20
24	3	4	3	2	1	1	1	7	37	36	35	34	39	37	26	30	10	10	8	0	0	0	0	0	14
25	1	1	1	5	17	16	1	0	7	16	31	35	37	35	35	36	38	38	32	27	26	20	19	23	21
26	25	21	18	19	21	10	2	2	5	11	20	24	22	***	***	23	31	34	6	1	1	1	4	3	14
27	9	2	2	11	8	0	3	16	33	36	36	36	35	***	36	35	31	29	14	0	0	0	0	0	16
28	0	0	0	1	1	1	1	5	15	22	32	42	***	69	85	80	61	62	40	3	5	9	4	11	24
29	14	30	38	23	18	6	3	5	13	22	22	20	19	17	10	7	4	4	1	1	1	9	10	17	25
30	30	29	30	33	29	33	36	35	31	25	27	22	21	23	29	32	26	24	23	12	10	6	21	18	25
31	27	28	25	21	22	21	19	20	20	36	39	41	34	27	24	24	25	27	26	21	19	20	18	17	25
MEAN	8	8	9	9	8	6	5	10	18	24	30	40	42	43	46	44	40	36	29	18	10	8	9	8	20



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION													
		STATION - NO 35003 ELMCREST ROAD, ETOBICOKE												MONTH - SEP 75													
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	14	13	15	13	17	15	18	11	15	15	10	10	5	4	9	11	6	2	0	0	0	0	0	0	0	8	
2	1	1	11	1	1	1	1	11	27	39	39	38	30	24	24	26	24	20	14	11	5	1	1	1	1	15	
3	0	0	0	0	0	0	2	8	17	22	26	29	28	***	36	28	30	34	25	9	8	8	4	2	14		
4	3	3	3	2	2	2	6	16	28	29	31	32	36	36	36	35	32	22	9	3	2	2	2	2	16		
5	2	4	8	11	2	0	0	2	7	20	***	28	28	22	18	5	5	0	1	1	1	1	1	2	7		
6	6	3	2	5	8	8	10	27	37	38	39	40	41	37	37	35	35	32	20	14	12	7	6	4	21		
7	4	5	5	14	6	8	11	14	25	28	29	30	32	31	35	38	41	36	8	15	15	0	0	8	18		
8	25	38	43	43	39	21	9	17	26	28	34	31	27	***	29	34	24	23	16	12	14	12	11	15	24		
9	13	9	8	7	4	2	0	8	20	23	24	26	***	28	34	30	28	18	2	0	2	0	2	1	13		
10	2	1	5	5	1	2	0	2	5	10	12	9	13	17	11	11	15	20	17	0	0	0	3	15	7		
11	6	1	0	0	2	1	0	0	6	21	35	62	77	62	48	40	38	38	27	18	20	48	35	36	26		
12	31	31	28	26	14	6	4	4	10	19	20	***	27	30	25	22	14	10	8	9	9	8	13	9	16		
13	9	11	14	12	11	8	9	13	19	23	30	28	27	32	32	34	31	24	12	9	14	19	17	9	19		
14	2	4	2	2	4	2	8	20	24	28	31	29	27	23	25	28	31	26	11	2	2	2	1	1	14		
15	0	4	3	5	5	2	0	0	1	6	20	24	21	35	31	20	10	2	1	2	5	3	2	4	9		
16	2	3	3	2	3	1	0	0	0	2	1	3	14	***	16	14	7	4	0	2	2	2	2	3	4		
17	4	6	2	0	0	0	0	5	14	40	63	61	***	73	71	66	48	17	8	6	31	44	45	65	29		
18	56	54	60	68	54	31	11	7	11	16	14	20	18	23	20	24	22	23	20	23	21	23	18	10	27		
19	21	21	17	19	13	6	11	3	6	15	20	32	***	61	56	66	45	6	1	0	0	0	0	0	18		
20	0	0	1	1	6	8	23	15	21	28	27	35	37	46	48	42	44	37	14	35	35	32	28	24	24		
21	26	27	26	25	13	9	7	9	9	11	19	23	24	21	25	25	24	22	20	17	16	11	10	10	18		
22	10	11	9	8	4	1	1	1	5	13	21	25	22	15	20	10	12	8	7	9	3	4	9	2	10		
23	4	10	2	2	0	0	0	7	20	30	38	***	34	38	35	31	15	3	0	0	0	1	2	6	12		
24	8	10	8	7	6	5	2	4	7	11	12	12	14	17	15	14	12	3	0	0	1	1	12	14	8		
25	17	17	16	16	14	5	1	1	3	3	5	6	5	2	1	1	1	0	0	0	2	0	0	0	5		
26	0	0	0	0	0	1	0	0	0	***	3	2	5	12	***	10	5	2	2	3	4	0	1	3	2		
27	8	16	13	17	11	7	3	6	14	20	19	21	25	21	15	21	18	4	0	0	0	0	0	0	11		
28	2	4	7	5	7	3	5	16	26	35	37	42	44	40	41	39	25	7	1	0	0	0	0	0	16		
29	2	2	1	2	2	0	0	0	0	5	13	26	25	28	38	26	16	8	0	0	0	0	0	0	8		
30	1	1	13	26	27	14	6	13	23	35	40	***	***	64	63	63	59	60	52	52	47	41	24	21	34		
MEAN	9	10	11	11	9	6	5	8	14	21	25	27	26	31	31	28	24	17	10	8	9	9	8	9	15	1	

- NOTES 1. \*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

		POLLUTANT - OZONE-CHEMILUMINESCENT											UNITS - PARTS/BILLION													
		STATION - NO 35003 ELMCREST ROAD, ETOBICOKE											MONTH - OCT 75													
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		10	2	2	14	24	8	2	11	32	20	11	11	12	8	6	4	6	3	2	2	8	13	8	11	10
2		13	17	15	15	8	2	7	11	19	22	23	25	28	28	25	28	19	11	3	2	3	4	2	4	14
3		8	13	17	19	15	4	6	11	22	28	35	41	***	***	44	44	47	51	55	49	45	28	18	21	28
4		20	18	18	14	9	2	2	4	15	19	25	36	46	46	39	42	21	14	8	0	1	0	0	0	17
5		2	2	3	2	3	4	2	2	4	7	11	20	25	27	26	23	17	5	0	0	0	7	15	21	10
6		31	33	37	35	32	21	10	9	22	24	28	30	30	28	23	18	13	7	0	0	0	0	0	2	18
7		2	2	2	2	3	1	1	0	4	9	11	14	***	15	18	11	4	8	0	2	2	2	1	2	5
8		1	1	2	2	1	1	0	0	6	4	5	12	19	24	22	15	4	0	0	3	4	14	17	27	8
9		30	24	24	24	18	11	5	5	9	6	8	6	7	6	6	5	4	4	6	3	3	3	3	3	9
10		0	0	0	0	1	1	2	5	8	16	26	***	***	28	35	39	34	9	1	3	29	22	3	9	12
11		8	3	0	9	18	2	1	6	16	18	19	21	17	17	19	19	12	7	11	17	20	21	13	12	13
12		8	6	14	11	13	9	12	19	25	30	32	34	38	37	36	32	17	21	9	8	3	0	1	2	17
13		3	0	***	2	0	0	2	17	13	2	11	19	18	32	41	46	55	50	25	15	3	4	2	16	16
14		31	26	29	26	14	2	0	3	6	12	12	11	32	25	18	10	3	0	0	1	1	0	0	0	11
15		0	0	0	13	20	14	4	17	20	22	26	***	39	31	46	27	29	25	23	8	2	17	25	22	19
16		29	21	17	18	16	5	3	4	14	16	14	14	17	15	14	8	5	7	7	8	5	7	11	8	12
17		9	16	11	3	3	3	3	0	2	10	12	12	***	11	8	4	2	2	1	7	11	8	7	11	7
18		13	13	16	19	19	18	14	11	8	7	9	11	15	17	17	13	15	11	8	14	10	13	13	12	13
19		14	16	15	16	14	15	9	7	5	3	4	4	5	3	5	5	1	1	1	1	1	1	1	1	6
20		2	2	4	10	18	13	2	4	2	4	7	10	14	21	19	17	13	8	10	6	9	13	10	15	10
21		35	34	34	30	29	20	2	2	6	8	16	32	***	44	44	31	4	15	21	24	26	0	2	6	20
22		2	3	9	10	8	4	3	2	4	10	18	29	37	34	30	25	10	0	0	0	0	5	4	0	10
23		1	3	3	2	2	1	1	0	5	12	24	29	34	35	8	2	0	0	0	0	1	1	0	1	7
24		1	2	2	8	2	3	1	1	9	22	39	***	***	40	20	25	2	1	1	1	22	20	21	11	17
25		7	19	39	23	23	11	20	37	27	30	31	29	25	17	17	20	16	6	2	3	4	8	7	7	18
26		10	7	11	2	8	7	8	6	11	23	34	39	38	36	34	28	22	9	1	2	2	7	5	4	15
27		2	2	2	2	2	2	0	2	7	18	19	20	23	21	17	9	2	1	1	3	1	2	1	7	12
28		5	4	4	2	1	4	0	6	3	10	15	12	25	31	20	24	31	27	20	11	8	7	4	3	17
29		3	21	23	22	27	22	13	8	13	19	21	24	23	***	19	18	12	9	17	17	22	18	11	10	17
30		15	16	21	29	27	22	8	3	10	30	30	34	35	35	35	33	15	2	2	2	3	5	6	2	16
31		2	2	5	5	4	9	3	2	1	3	9	19	***	35	3	10	20	19	4	2	1	0	0	0	5
MEAN		10	11	13	13	12	8	5	7	11	14	18	22	25	24	25	21	16	10	8	7	7	8	7	8	12



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION													
STATION - NO 35003 ELMCREST ROAD, ETOBICOKE												MONTH - NOV 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	8	10	12	12	14	14	12	15	16	17	22	21	23	23	16	14	12	8	5	1	2	3	1	12
2	3	2	5	5	5	3	3	5	11	15	8	3	2	2	2	3	3	2	21	28	27	26	23	17	9
3	17	11	8	20	17	18	7	2	2	4	25	38	40	42	38	21	14	10	12	7	7	15	14	13	17
4	16	16	13	16	15	15	4	3	6	21	32	36	39	38	36	25	10	6	0	3	2	13	13	12	16
5	12	18	25	24	26	14	5	2	3	15	28	20	20	21	17	16	4	1	0	0	0	5	0	0	12
6	1	2	4	3	1	0	2	2	1	0	2	3	4	11	9	4	0	0	0	0	1	12	1	2	3
7	0	0	1	2	0	6	1	0	0	1	1	7	7	***	***	1	11	4	12	17	16	10	8	10	5
8	18	18	21	21	16	9	13	9	13	18	20	21	34	42	39	37	25	11	1	2	2	2	2	2	17
9	0	0	0	0	4	2	3	3	3	18	19	22	27	19	9	11	8	0	0	0	1	22	3	4	7
10	1	4	13	12	16	11	18	12	17	12	12	19	36	30	31	30	34	38	41	41	38	38	36	36	24
11	36	36	27	25	24	24	14	3	7	18	23	30	36	38	36	25	6	0	0	0	0	0	0	0	17
12	0	0	0	1	1	1	1	1	1	4	8	4	4	***	***	2	2	4	3	0	0	0	0	2	7
13	7	9	7	7	6	8	3	1	2	***	11	18	16	11	16	16	11	11	19	25	29	31	31	31	14
14	35	35	35	35	35	27	21	24	24	27	30	35	29	***	***	25	25	18	18	17	24	21	15	20	27
15	21	9	6	18	16	13	10	5	10	16	16	16	24	30	30	37	31	20	13	5	5	0	11	8	15
16	4	2	5	24	21	23	15	14	12	20	27	30	29	30	24	6	2	0	3	2	2	2	2	2	13
17	6	3	6	7	9	7	7	3	0	1	12	26	40	49	52	44	38	23	39	32	19	12	5	3	18
18	3	3	4	4	3	2	3	2	2	3	5	12	15	***	***	4	2	0	0	0	0	0	0	0	3
19	0	0	0	0	0	0	0	0	0	0	5	9	5	7	9	4	0	0	0	0	0	0	0	0	2
20	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	1	1	1	1	1	1	1	1	4
21	9	3	3	8	26	21	17	3	3	9	9	15	21	3	7	6	3	1	4	3	2	3	3	2	8
22	5	9	17	23	29	32	34	32	31	34	34	33	33	30	26	25	24	22	20	21	22	24	21	17	25
23	15	15	11	9	7	6	3	0	1	8	14	12	10	12	10	8	3	0	0	0	0	0	0	0	6
24	0	0	0	0	4	4	0	0	0	1	2	7	15	17	15	10	2	0	0	0	0	0	0	0	3
25	1	1	2	3	4	5	6	2	2	6	9	11	13	***	***	11	6	3	2	1	0	1	1	1	4
26	2	3	5	5	4	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
27	2	5	6	8	9	5	2	0	4	16	19	10	9	5	4	2	1	0	0	0	0	1	1	1	5
28	2	1	1	0	1	0	0	1	6	10	15	20	18	14	4	1	0	0	0	0	0	0	0	0	4
29	0	0	0	0	0	0	4	13	12	8	12	13	10	10	11	8	5	5	3	0	0	0	0	0	5
30	0	1	1	8	9	12	8	3	15	28	36	35	36	23	18	20	21	22	26	29	35	24	26	34	20
MEAN	7	7	8	10	11	10	8	5	7	11	15	17	20	21	18	14	10	7	8	8	8	9	7	8	10.5

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT											UNITS - PARTS/BILLION													
	STATION - NO 35003 ELMCREST ROAD, ETOBICOKE											MONTH - DEC 75													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	29	31	32	33	31	32	29	28	16	23	25	23	27	27	27	24	20	17	12	11	8	8	10	4	22
2	5	3	5	5	4	2	3	1	1	6	10	9	**	**	12	9	3	0	0	0	0	0	0	0	3
3	10	20	23	24	27	22	9	0	1	7	16	28	31	33	33	30	17	3	0	1	0	0	0	0	14
4	0	1	7	8	6	11	4	1	1	1	1	3	11	18	21	20	9	2	5	9	7	5	4	3	7
5	0	1	1	1	0	0	0	0	0	0	1	3	8	20	18	17	5	8	5	14	16	21	23	25	8
6	34	32	32	30	28	23	21	24	23	20	19	16	18	19	19	19	18	17	15	12	13	14	12	5	20
7	10	7	7	12	15	18	13	10	9	10	12	10	10	11	12	5	2	0	0	8	7	0	0	0	8
8	0	0	1	3	5	2	0	0	0	1	2	3	3	4	3	0	0	0	0	0	0	0	0	0	1
9	1	4	4	3	0	3	1	1	0	1	3	4	5	5	5	2	1	0	0	0	0	0	0	0	2
10	0	0	0	0	0	0	0	2	5	9	12	18	24	26	25	19	11	9	16	17	8	7	7	5	9
11	6	6	6	8	9	4	1	0	1	5	13	22	24	29	23	8	0	0	2	1	0	0	0	0	7
12	0	0	0	0	0	1	2	2	1	2	***	10	8	5	4	***	1	0	0	0	0	0	0	0	2
13	1	3	6	9	12	16	11	5	2	5	2	6	2	1	1	0	0	0	0	0	0	0	0	0	3
14	0	0	5	9	11	13	14	18	14	18	13	19	22	25	30	34	30	32	25	9	18	11	20	20	17
15	24	26	32	32	32	30	13	1	3	10	10	14	16	16	17	16	15	15	14	19	19	19	20	21	19
16	24	24	26	24	23	22	7	1	1	9	14	19	16	***	6	1	2	2	1	1	2	1	2	0	10
17	0	0	0	4	5	6	2	0	3	10	13	17	25	24	22	18	11	13	8	10	13	16	16	16	11
18	17	14	20	20	20	23	16	15	19	26	27	28	26	30	30	24	6	2	7	7	25	27	31	31	20
19	32	32	31	29	26	25	20	9	7	13	12	9	10	***	7	2	0	0	0	0	0	0	0	0	12
20	0	0	0	3	2	5	12	11	15	16	16	14	14	14	15	13	9	9	15	16	18	21	13	5	11
21	9	11	8	21	24	7	11	4	13	17	23	27	28	27	23	17	8	0	0	0	0	0	0	0	12
22	0	0	0	0	0	0	0	0	0	1	3	11	13	18	13	16	9	2	2	8	6	5	4	12	5
23	16	16	20	21	20	14	6	1	13	21	***	34	31	31	22	6	0	0	0	0	0	0	0	0	12
24	0	0	0	0	0	0	0	0	0	1	1	3	5	4	3	0	0	0	0	1	4	6	11	12	4
25	17	13	18	26	0	0	0	0	2	3	4	4	6	7	4	1	0	0	0	0	0	0	0	0	4
26	0	0	0	2	2	5	5	2	8	10	11	11	13	12	12	8	7	13	13	7	6	0	0	0	6
27	5	14	12	14	12	8	18	18	17	15	14	15	22	24	14	9	5	1	0	0	0	0	0	3	10
28	0	0	0	0	0	0	0	0	0	3	5	7	15	24	32	21	7	3	0	0	0	0	0	0	5
29	0	0	0	0	0	0	0	0	0	2	3	3	3	5	***	4	2	0	0	0	0	0	0	0	1
30	0	0	0	0	0	0	0	0	0	2	3	3	2	2	6	9	9	5	0	0	0	0	7	19	3
31	28	24	28	31	27	22	16	8	10	4	7	9	5	4	13	14	0	0	0	0	0	0	2	2	11
MEAN	9	9	10	12	11	10	8	6	6	8	10	12	15	17	16	13	7	5	5	5	5	5	5	5	5



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	8.9	20	29
FEB	28	16.3	45	85
MAR	31	30.5	52	86
APR	30	37.6	57	98
MAY	26	34.4	79	136
JUN	30	25.0	79	131
JUL	31	27.4	51	117
AUG	31	20.8	51	163
SEP	30	15.1	34	77
OCT	31	12.6	28	55
NOV	30	10.5	27	52
DEC	31	8.9	22	34
YEAR	360	20.5	79	163

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH	00 TO 10	11 TO 20	21 TO 30	31 TO 50	51 TO 80	81 TO 100	101 TO 150	151 & OVER	TOTAL
JAN	442	222	73	0	0	0	0	0	737
FEB	295	134	105	115	13	2	0	0	664
MAR	164	86	98	268	121	2	0	0	739
APR	139	51	57	233	219	13	0	0	712
MAY	203	76	46	129	130	29	29	0	642
JUN	253	132	103	120	77	16	10	0	711
JUL	239	105	105	151	116	13	7	0	736
AUG	351	82	88	132	53	13	8	1	728
SEP	352	137	106	88	24	0	0	0	707
OCT	384	178	102	64	3	0	0	0	731
NOV	434	135	83	59	1	0	0	0	712
DEC	470	155	85	27	0	0	0	0	737
YEAR	3726	1493	1051	1386	757	88	54	1	8556

FREQUENCY DISTRIBUTION BY PERCENTILES

FREQUENCY PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
97.7	0	0.0	3.6	13.3	26.7	50.8	61.9	77.5	87.9	163	20.5



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION													
STATION - NO 48002 *MTC YARD 9 STOUFFVILLE												MONTH - MAY 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA	INVALID	-										
2													- DATA	INVALID	-										
3													- DATA	INVALID	-										
4													- DATA	INVALID	-										
5													- DATA	INVALID	-										
6	***	***	***	***	***	***	***	***	***	***	***	***	***	44	49	32	36	36	38	38	***	35	35	***	
7	35	35	***	36	36	40	32	***	31	40	52	52	27	27	30	32	32	32	29	21	17	21	18	21	
8	42	41	42	42	42	42	36	36	36	39	43	55	59	***	67	67	67	68	64	59	40	10	8	27	
9	34	35	40	44	40	38	30	30	38	47	51	51	52	53	55	58	57	55	52	47	40	40	39	39	
10	36	36	36	36	38	35	32	36	37	53	58	61	62	63	67	71	73	73	65	61	56	16	4	6	
11	13	12	18	24	30	32	25	18	34	35	35	56	70	77	73	73	81	78	74	64	14	39	46	6	
12	21	45	56	40	43	38	19	19	32	40	38	38	38	36	28	27	19	15	6	8	14	16	22	37	
13	37	38	37	35	35	34	32	31	34	42	51	55	58	61	64	67	65	62	58	51	51	48	48	48	
14	44	44	40	40	37	38	23	7	23	46	45	57	***	71	90	117	123	119	114	99	77	59	48	26	
15	36	60	49	46	43	34	36	49	52	66	82	87	86	84	82	90	101	94	94	82	65	68	65	57	
16	54	48	48	40	39	36	37	37	35	35	34	40	56	59	64	69	70	70	69	60	43	36	36	49	
17	49	44	42	42	42	42	31	34	38	46	51	64	77	74	78	88	88	93	92	84	71	57	53	52	
18	23	22	41	37	28	21	21	18	37	47	56	71	80	103	109	108	112	117	108	91	94	83	77	71	
19	64	44	29	15	14	12	5	15	42	58	72	104	113	80	104	110	119	130	127	107	91	72	57	56	
20	49	56	47	34	40	35	14	27	44	34	55	103	126	128	120	134	125	106	91	72	68	54	36	28	
21	26	28	20	20	20	28	50	55	49	45	47	68	76	90	95	98	110	108	120	91	72	79	67	67	
22	66	63	57	38	22	16	6	4	23	43	44	55	36	42	56	68	90	79	80	74	54	34	15	11	
23	37	20	17	27	35	41	51	51	57	63	77	94	110	117	122	130	140	147	143	129	86	57	9	16	
24	25	27	31	51	56	52	51	52	50	50	56	65	75	81	89	91	95	87	74	67	52	38	28	40	
25	55	50	50	48	49	45	43	39	39	42	42	50	60	67	75	89	92	90	86	81	65	51	34	26	
26	51	50	35	24	19	22	26	22	23	24	39	70	88	85	86	89	81	76	74	58	63	63	56	56	
27	47	41	41	49	49	50	45	40	36	39	46	56	60	60	54	49	44	43	39	36	37	34	30	35	
28	38	39	39	37	35	30	29	28	29	36	43	***	49	51	50	49	45	42	39	22	2	5	12	17	
29	20	20	23	20	20	7	19	48	58	56	58	63	63	61	60	61	63	57	54	51	46	44	44	46	
30	51	46	41	37	36	36	29	21	10	1	0	1	3	40	71	64	57	47	53	55	61	50	38	38	
31	31	24	35	29	34	32	27	29	43	47	52	58	60	63	63	61	59	53	44	39	35	34	31	40	
MEAN	39	39	38	36	35	33	30	31	37	43	49	61	66	69	73	77	79	76	73	63	52	44	37	37	

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION													
STATION - NO 48002 *MTC YARD 9 STOUFFVILLE												MONTH - JUN 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	41	37	34	39	37	28	34	32	30	35	39	44	45	47	49	49	46	43	35	29	18	14	12	14	35
2	12	12	12	13	12	8	12	18	23	26	34	40	47	49	60	64	61	49	37	21	11	12	32	25	29
3	14	4	14	30	37	41	35	34	40	46	49	49	49	47	48	49	49	42	29	15	1	0	0	0	30
4	0	0	9	18	19	5	6	30	50	60	60	16	74	94	82	81	61	40	16	27	26	21	26	16	35
5	15	25	28	30	36	35	31	34	32	32	31	31	31	30	30	29	28	20	16	5	0	0	0	0	23
6	0	0	0	0	0	0	15	29	37	41	42	41	40	38	35	31	30	28	23	19	19	19	18	18	22
7	18	19	19	16	16	15	13	15	20	28	29	31	32	31	31	30	28	26	25	23	20	18	15	12	22
8	10	8	10	12	15	15	15	18	21	25	28	29	31	32	35	37	35	30	27	26	13	19	19	18	22
9	20	18	16	14	13	8	12	20	24	28	31	39	45	43	42	45	45	42	40	34	26	25	21	20	28
10	19	15	15	13	8	3	26	41	45	45	52	52	53	51	51	51	52	51	48	46	42	37	39	32	37
11	28	31	35	35	31	29	29	36	47	53	72	81	91	99	104	104	92	81	73	63	48	42	39	34	57
12	31	28	26	25	21	17	15	10	7	6	18	58	66	70	76	71	65	67	66	59	46	44	47	20	40
13	11	17	34	27	26	25	19	25	26	25	27	32	32	35	34	32	34	36	38	26	14	4	0	0	24
14	0	0	2	11	14	20	27	27	37	52	64	70	75	88	99	107	97	96	79	64	58	43	52	52	51
15	56	59	54	46	39	35	34	31	27	41	65	77	90	103	109	108	108	101	87	65	54	55	35	27	63
16	44	41	37	38	35	27	23	25	30	35	38	42	45	47	47	47	47	48	47	39	20	9	0	0	34
17	0	0	3	5	11	16	29	35	42	52	63	***	83	101	105	105	109	109	98	85	80	78	72	60	58
18	43	45	39	39	34	36	39	48	55	61	66	66	67	65	65	65	67	69	71	65	45	41	28	36	52
19	35	35	35	37	32	25	16	17	25	10	30	41	44	45	47	51	53	50	45	38	35	32	31	30	35
20	28	27	26	26	24	19	15	14	19	25	30	31	35	46	42	47	61	59	39	25	15	9	3	0	28
21	5	14	11	9	8	19	28	36	39	45	50	57	58	60	64	77	89	92	78	51	47	49	34	19	43
22	20	27	27	28	27	27	48	50	52	69	87	110	***	***	***	***	***	***	***	***	***	***	***	***	***
23	35	31	24	12	15	22	34	40	58	81	91	99	97	91	90	88	81	77	74	61	60	49	45	47	58
24	47	48	50	52	49	44	37	35	34	41	46	49	51	47	45	42	40	39	32	27	18	14	13	14	38
25	15	15	15	17	18	12	12	19	26	31	36	36	***	44	55	60	61	59	52	40	23	2	0	6	28
26	20	25	34	31	28	24	28	46	47	52	58	65	66	68	77	91	103	103	111	113	99	90	76	57	63
27	48	39	30	28	23	25	30	***	***	51	61	75	80	90	87	95	99	101	101	95	73	61	43	31	72
28	30	42	44	43	42	48	55	64	68	78	87	91	93	92	91	93	113	121	116	97	73	61	43	31	72
29	38	49	53	51	44	41	36	35	37	41	45	50	53	55	56	57	58	63	63	55	40	32	32	36	44
30	37	38	41	42	42	39	38	42	49	53	56	59	63	66	76	90	90	90	84	71	51	21	11	16	51
MEAN	24	25	26	26	25	24	26	31	36	42	50	54	58	61	63	65	66	63	57	48	37	31	27	23	41



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT											UNITS - PARTS/BILLION													
	STATION - NO 48002 *MTC YARD 9 STOUFFVILLE											MONTH - JUL 75													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	26	36	39	31	25	27	29	42	67	70	80	83	87	102	102	98	103	106	90	74	57	54	31	23	62
2	25	25	36	38	28	24	35	44	59	64	76	85	****	81	86	87	89	85	62	48	65	78	69	67	59
3	67	62	46	39	27	18	16	39	47	50	50	50	51	47	53	73	74	73	64	51	31	30	24	24	46
4	21	22	22	22	18	11	15	25	****	43	49	49	49	55	58	53	47	49	41	17	17	13	8	7	31
5	3	10	12	12	13	13	13	18	24	30	34	37	****	****	****	****	****	****	****	****	****	****	****	****	****
6	28	28	24	30	31	26	19	27	35	49	68	78	92	93	90	95	103	98	95	109	87	71	50	48	61
7	42	42	37	30	29	32	31	36	44	63	108	141	140	104	106	137	121	90	82	67	57	60	24	30	69
8	30	39	58	45	39	50	30	56	66	101	106	118	118	144	137	128	127	102	69	63	50	41	38	30	74
9	30	27	22	19	21	19	19	19	24	30	37	41	41	42	42	45	45	41	39	34	17	5	19	31	30
10	31	31	31	31	27	24	23	26	29	34	38	46	47	37	37	45	45	48	54	53	34	20	12	12	34
11	18	23	13	16	15	13	14	18	23	26	28	28	28	28	28	31	32	29	23	7	15	10	0	0	19
12	0	2	4	8	12	12	19	25	38	46	57	68	72	79	78	84	84	84	79	63	44	24	37	41	44
13	49	55	54	54	53	47	43	51	59	67	74	83	93	95	98	98	98	98	79	73	66	61	52	43	68
14	42	59	43	43	43	43	32	35	45	59	67	71	69	67	67	68	66	67	67	61	51	42	32	32	53
15	27	25	25	23	21	15	14	23	49	77	83	****	96	99	109	110	113	112	104	85	73	63	63	63	64
16	53	53	43	16	7	0	4	64	74	96	130	146	****	****	****	****	****	****	****	****	****	****	****	****	****
17	15	13	19	24	28	21	30	49	77	91	104	98	99	126	149	141	117	108	77	51	48	43	43	35	67
18	32	32	34	25	18	16	20	26	36	46	58	62	62	57	57	57	56	49	43	42	37	36	27	21	40
19	19	18	18	13	11	9	8	8	8	8	8	8	12	17	17	17	18	18	18	18	17	14	10	9	13
20	9	8	8	8	8	4	4	4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
22	12	17	31	57	****	****	22	11	24	32	39	51	61	66	71	75	78	104	88	74	****	59	47	57	51
23	51	54	62	58	58	58	51	45	56	75	69	75	78	72	69	76	81	80	79	75	63	51	34	29	62
24	39	42	36	19	18	18	20	21	22	26	26	26	27	27	27	28	26	25	23	22	21	16	11	7	24
25	7	7	12	14	15	16	12	14	30	35	39	41	49	54	58	73	75	71	63	51	41	22	4	3	34
26	0	0	0	0	0	0	7	12	24	29	32	42	69	90	93	98	95	81	68	58	36	29	26	28	38
27	31	27	27	27	23	20	10	18	32	37	39	41	46	50	47	49	49	49	47	42	32	27	24	23	34
28	23	23	23	23	20	16	11	14	25	32	43	48	53	59	68	89	93	96	96	68	52	32	16	5	43
29	0	0	0	0	9	6	12	12	19	38	62	96	118	144	154	160	155	132	116	99	77	48	24	25	63
30	45	54	55	60	65	57	43	50	91	104	115	120	129	133	137	146	184	243	200	154	123	94	98	74	107
MEAN	27	29	29	27	24	22	22	29	42	52	61	68	70	76	78	83	83	81	72	60	48	39	31	29	48.6

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT											UNITS - PARTS/BILLION														
	STATION - NO 48002 *MTC YARD 9 STOUFFVILLE											MONTH - AUG 75														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	73	73	64	60	65	66	60	58	74	96	115	175	141	176	312	248	216	196	188	175	148	114	92	70	127	
2	69	60	63	59	62	53	47	44	81	98	119	166	182	182	218	206	213	199	169	146	133	104	98	99	120	
3	99	95	79	75	73	69	73	71	71	74	87	104	118	107	103	107	116	102	97	89	82	72	43	29	85	
4	45	35	34	31	36	37	42	38	37	34	35	39	39	38	42	46	47	47	45	41	28	12	12	17	36	
5	16	31	36	32	28	29	21	20	20	25	28	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
6	****	****	****	****	****	****	****	****	****	****	****	****	DATA	INVALID	****	****	****	****	****	****	****	****	****	****	****	
7	****	****	****	****	****	****	****	****	****	****	****	****	DATA	INVALID	****	****	****	****	****	****	****	****	****	****	****	
8	****	****	****	****	****	****	****	****	****	****	****	****	DATA	INVALID	****	****	****	****	****	****	****	****	****	****	****	
9	****	****	****	****	****	****	****	****	****	****	****	****	DATA	INVALID	****	****	****	****	****	****	****	****	****	****	****	
10	****	****	****	****	****	****	****	****	****	****	****	****	DATA	INVALID	****	****	****	****	****	****	****	****	****	****	****	
11	****	****	****	****	****	****	****	****	****	****	****	****	DATA	INVALID	****	****	****	****	****	****	****	****	****	****	****	
12	****	****	****	****	****	****	****	****	****	****	****	****	DATA	INVALID	****	****	****	****	****	****	****	****	****	****	****	
13	****	****	****	****	****	****	****	****	****	****	****	****	****	19	32	47	57	63	65	61	43	37	46	38	****	
14	35	32	30	28	26	22	18	20	25	32	35	36	38	37	38	39	37	34	29	22	16	11	7	13	28	
15	18	20	20	21	21	18	13	16	19	24	30	34	34	35	39	41	39	36	28	20	18	12	5	6	24	
16	21	30	33	35	31	25	20	29	41	58	64	67	76	84	88	94	96	95	89	78	68	64	40	25	56	
17	26	19	38	46	30	13	11	22	40	52	72	83	93	95	102	87	84	80	81	74	58	41	35	30	55	
18	27	25	23	22	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
19	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
20	17	18	16	18	21	16	8	19	27	30	31	37	38	39	41	37	36	36	34	26	16	13	9	18	28	
21	22	23	24	21	14	4	15	18	20	11	6	14	21	22	22	26	29	21	24	37	45	47	47	39	24	
22	34	37	40	45	47	38	29	27	30	30	28	27	29	28	32	34	34	31	21	15	6	1	2	5	27	
23	15	19	22	23	21	20	21	21	27	31	43	44	44	48	54	53	57	53	41	40	39	36	32	27	35	
24	19	18	15	9	4	4	4	10	23	29	25	42	46	46	40	38	50	36	27	12	8	12	16	17	23	
25	17	10	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
26	****	****	****	****	****	****	****	****	****	****	****	****	DATA	INVALID	****	****	****	****	****	****	****	****	****	****	****	
27	****	****	****	****	****	****	****	****	****	****	****	****	DATA	INVALID	****	****	****	****	****	****	****	****	****	****	****	
28	****	****	****	****	****	****	****	****	****	****	****	****	****	40	51	62	71	75	108	108	70	54	55	57	59	****
29	68	58	53	56	59	53	53	53	54	52	53	48	45	51	57	52	57	61	51	53	58	55	54	52	54	
30	54	50	50	51	53	53	48	48	41	40	41	45	46	53	59	58	61	63	59	49	40	37	40	49	50	
31	52	46	39	38	36	33	31	32	32	34	36	40	45	51	53	54	55	56	53	47	43	39	39	38	43	
MEAN	38	37	38	37	37	33	30	32	39	44	50	61	62	64	76	73	74	72	65	56	48	41	36	34	49	



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT													UNITS - PARTS/BILLION													
STATION -			NO 48002 *MTC YARD 9 STOUFFVILLE										MONTH - SEP 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	36	34	33	34	34	34	35	34	31	32	33	36	38	36	36	35	32	32	36	30	29	27	25	22	33	
2	10	1	0	0	0	0	0	12	43	50	52	52	47	38	36	31	30	27	24	18	17	18	15	11	22	
3	19	19	17	12	11	8	3	9	15	18	24	27	30	34	39	42	40	30	19	7	10	0	0	0	18	
4	0	0	0	3	24	20	20	25	32	40	40	40	38	40	41	41	40	38	33	21	16	14	13	20	25	
5	20	20	19	20	12	2	0	7	21	39	45	48	49	44	46	33	9	8	7	9	16	28	35	36	24	
6	35	32	29	28	27	19	20	26	32	42	43	45	45	46	46	45	45	45	41	34	29	25	20	25	34	
7	25	25	24	23	24	21	20	23	26	28	32	35	38	44	52	52	52	53	46	40	38	34	32	34	34	
8	33	26	20	19	35	13	2	6	23	34	37	40	37	37	38	37	32	30	27	23	21	23	22	22	27	
9	21	20	19	22	23	14	13	13	21	26	28	30	32	36	38	37	34	30	25	16	13	15	1	1	22	
10	7	12	13	18	17	6	1	5	21	32	37	39	20	20	34	34	38	41	38	36	30	20	15	9	23	
11	11	12	7	15	16	12	12	17	22	35	43	73	82	93	60	47	27	26	34	30	21	65	54	40	36	
12	35	32	29	25	22	19	11	5	8	16	20	19	26	26	25	24	25	20	14	9	7	12	8	15	19	
13	12	15	15	16	13	4	9	15	21	18	24	31	28	30	34	34	30	31	16	3	20	22	27	28	21	
14	26	22	25	21	23	21	18	24	26	30	31	30	32	33	32	32	30	25	14	2	0	0	0	0	21	
15	0	0	0	0	0	0	0	11	20	22	28	50	55	59	54	49	46	30	16	3	0	0	0	0	18	
16	0	2	6	10	8	3	1	8	14	10	4	4	5	9	7	28	52	37	25	13	3	0	0	0	10	
17	0	1	11	14	17	11	3	9	34	89	95	100	102	99	93	70	60	63	68	60	49	49	49	49	50	
18	48	47	45	41	39	35	31	30	30	31	36	36	39	40	36	32	28	28	26	24	22	19	18	19	33	
19	16	15	11	3	0	9	21	28	24	29	36	47	***	***	***	***	85	84	76	73	57	55	43	50	38	
20	48	44	37	25	15	10	11	37	34	37	37	38	38	43	50	54	55	58	47	34	14	16	7	2	33	
21	4	15	24	22	14	11	8	7	8	7	13	17	24	25	30	32	32	27	26	27	20	17	19	14	18	
22	13	11	8	7	8	5	2	1	4	8	13	24	30	33	39	30	23	26	20	18	19	25	18	10	16	
23	7	0	0	0	0	0	0	2	4	13	33	37	36	36	40	37	37	32	26	14	14	17	18	21	18	
24	22	23	22	19	19	20	18	17	16	21	23	21	21	23	24	27	31	33	30	20	17	21	24	27	22	
25	30	27	24	24	24	25	24	22	18	20	21	23	21	20	20	22	22	21	19	18	16	16	15	15	21	
26	15	15	14	13	12	11	8	9	8	7	13	12	15	18	7	9	9	7	9	11	13	15	13	11	11	
27	15	13	14	19	22	21	16	3	4	10	14	18	20	18	17	17	19	22	28	22	13	10	8	7	15	
28	15	19	20	22	23	22	20	17	21	24	26	29	31	36	40	***	***	***	***	***	***	***	***	***	4	23
29	11	22	19	20	20	14	10	3	4	21	29	31	35	***	***	87	79	76	65	49	57	71	69	62	39	
30	60	49	39	23	22	22	22	24	40	56	70	76	76	78	76	76	73	61	34	29	24	37	37	28	47	
MEAN	20	19	18	17	17	14	12	15	21	28	32	37	37	39	39	39	38	36	31	24	21	23	21	19	25.6	

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
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3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT															UNITS - PARTS/BILLION										
STATION - NO 48002 *MTC YARD 9 STOUFFVILLE															MONTH - OCT 75										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	7	3	10	10	14	10	5	3	2	18	26	21	19	18	13	11	12	7	6	20	25	25	23	14
2	20	24	22	22	21	14	14	21	27	28	29	32	***	***	36	38	35	30	24	18	15	11	6	4	22
3	7	3	0	0	0	2	14	25	35	43	45	48	52	58	60	53	46	32	26	28	31	31	27	26	29
4	23	29	30	21	4	2	18	35	40	54	49	55	***	***	62	53	46	32	25	29	33	37	40	36	34
5	28	30	33	28	27	28	29	31	35	43	61	85	***	105	124	90	68	60	31	0	2	5	2	18	42
6	34	42	42	38	26	25	29	45	45	47	49	51	47	41	37	35	33	30	27	21	25	29	28	29	36
7	27	27	28	26	15	14	27	33	35	36	38	43	46	47	45	19	8	7	4	1	2	0	0	0	22
8	0	2	2	2	0	0	6	8	29	52	54	57	***	56	54	48	37	38	42	41	38	36	36	34	29
9	35	34	33	32	31	32	30	30	30	31	***	***	43	46	47	45	44	44	42	40	35	31	28	24	36
10	19	17	15	13	9	4	1	1	1	3	11	36	19	8	12	5	3	1	1	0	0	0	0	3	8
11	28	29	31	16	8	5	6	16	23	26	25	22	24	23	23	24	26	21	12	15	18	14	15	15	20
12	24	23	23	24	29	24	29	27	27	29	32	37	46	40	36	35	37	18	31	34	13	6	5	4	26
13	3	9	4	2	0	1	1	2	1	5	22	29	28	28	41	45	41	29	20	10	7	8	36	53	18
14	49	48	42	40	40	30	22	23	31	30	40	39	37	36	37	34	35	31	23	18	24	25	27	29	33
15	22	18	9	2	0	0	0	1	1	5	29	36	35	35	32	28	17	29	21	0	0	6	21	22	15
16	22	20	17	14	10	5	3	4	11	14	14	16	18	18	18	17	15	14	12	13	17	14	12	13	14
17	12	12	12	14	16	9	8	10	16	19	20	20	19	18	16	13	9	7	4	9	14	14	14	15	13
18	16	15	17	18	18	17	15	13	12	15	18	17	21	23	23	24	23	22	21	20	20	20	21	20	19
19	19	17	17	16	13	11	8	9	10	10	9	8	8	8	8	6	6	6	6	8	6	4	3	3	9
20	4	4	4	4	3	2	1	1	4	7	6	5	7	8	8	10	6	3	0	0	0	0	2	9	4
21	2	6	11	12	10	7	2	0	1	3	6	7	11	19	21	20	15	7	9	4	1	1	2	1	7
22	2	9	9	8	8	3	4	2	5	8	9	13	15	15	16	18	13	4	10	10	12	11	9	5	9
23	5	7	7	8	8	8	6	6	6	5	6	10	14	19	23	18	15	18	16	14	8	8	7	9	11
24	11	9	8	8	6	6	4	4	50	70	75	84	89	96	113	117	114	84	63	63	66	62	42	42	54
25	42	46	53	53	53	52	47	42	38	29	19	32	40	33	26	27	24	22	20	19	4	4	2	1	30
26	0	1	7	25	25	21	17	13	19	26	40	46	47	46	49	49	42	8	0	0	0	0	0	0	20
27	0	0	0	0	0	0	0	0	6	25	31	32	37	40	34	35	16	11	13	6	12	3	2	2	13
28	0	0	0	0	0	0	0	4	7	5	7	17	32	**	7	43	38	22	5	28	21	7	8	10	9
29	22	36	36	35	31	28	27	24	23	26	26	26	25	26	25	26	25	24	25	27	31	30	32	34	28
30	34	32	32	34	35	35	32	31	34	35	35	36	36	38	38	33	13	2	2	1	2	3	3	8	24
31	7	18	18	15	22	24	27	19	20	23	21	18	21	25	25	29	30	22	16	16	16	15	13	0	19
MEAN	17	19	18	17	15	14	14	16	20	24	28	33	31	35	37	34	28	22	19	16	15	15	15	16	20



## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION														
STATION - NO 48002 *MTC YARD 9 STOUFFVILLE												MONTH - NOV 75														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	0	0	3	7	8	11	13	8	6	14	17	19	19	19	21	20	16	13	13	7	3	4	0	10	
2	0	2	1	3	5	3	12	10	6	4	9	14	12	5	2	3	1	0	0	0	0	0	11	4	17	
3	14	9	10	6	8	7	9	3	5	19	36	36	44	50	50	***	20	10	0	0	0	10	23	26	14	
4	22	26	28	29	33	31	26	11	21	33	***	41	43	43	41	40	29	5	16	19	15	23	37	41	28	
5	43	42	40	37	36	28	21	10	22	29	37	43	44	45	49	41	24	4	0	0	0	0	0	25	1	
6	0	0	0	6	9	13	12	5	3	3	2	3	4	10	13	23	3	0	0	0	0	0	0	0	5	
7	0	0	0	0	1	6	9	9	9	13	16	18	17	18	9	3	2	4	0	0	5	11	3	0	7	
8	1	10	12	9	7	6	7	7	2	7	8	16	26	39	40	43	35	22	28	25	13	8	6	2	16	
9	6	3	5	11	15	17	26	26	28	29	31	34	34	34	34	32	27	12	19	31	30	33	30	28	24	
10	26	25	25	25	25	24	26	29	30	23	20	15	25	25	22	22	26	30	33	34	35	35	35	36	27	
11	34	34	31	29	23	21	17	4	10	22	27	27	30	32	34	31	16	1	1	0	0	0	0	0	18	
12	0	6	13	19	19	19	15	11	9	9	8	12	13	12	9	4	0	0	0	0	0	0	3	10	8	
13	13	14	15	12	8	4	0	0	2	10	14	15	13	15	18	15	14	16	19	23	24	27	26	26	14	
14	25	24	25	25	27	25	24	22	23	26	25	26	25	26	25	24	23	23	23	23	25	24	22	14	24	
15	15	12	14	18	19	18	14	10	7	6	10	11	8	11	13	12	11	13	12	5	0	0	0	0	8	
16	3	4	9	12	12	11	10	8	7	10	14	15	15	16	16	13	7	3	2	0	0	0	0	0	4	
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	27	33	12	3	2	9	7	5	3	8	
18	5	7	7	4	3	3	1	2	0	2	7	10	10	11	9	4	7	2	3	1	1	3	2	1	4	
19	5	5	6	6	5	5	4	3	0	0	1	2	3	5	3	***	6	1	0	1	0	0	0	0	3	
20	0	0	0	0	0	0	0	0	2	11	30	24	27	32	39	37	10	14	35	40	35	26	20	21	17	
21	22	28	27	23	18	18	20	12	3	5	13	18	23	22	16	17	17	12	7	4	9	10	6	4	15	
22	15	5	17	23	26	29	32	34	33	32	32	30	33	36	35	34	30	23	16	21	26	26	24	23	27	
23	15	4	11	19	26	31	30	31	31	30	30	31	31	30	30	28	27	25	25	25	23	22	22	21	25	
24	21	21	22	23	22	19	15	14	15	21	25	29	31	28	28	24	17	6	10	12	15	18	18	19	20	
25	21	19	18	18	20	20	22	23	25	24	28	29	28	26	25	24	21	21	17	18	16	17	21	23	22	
26	21	20	20	21	20	20	17	15	19	17	15	18	21	19	17	8	4	2	11	13	16	19	19	15	16	
27	10	6	4	3	5	4	5	6	7	7	11	13	8	6	3	1	0	0	0	0	0	0	1	4	10	
28	8	9	9	9	9	8	7	8	9	9	10	10	10	8	11	33	23	24	10	1	0	0	0	4	10	
29	4	2	0	0	4	4	8	16	29	34	35	36	38	36	31	29	28	25	18	18	20	17	15	19	26	
30	13	15	17	19	19	22	21	20	18	23	24	31	21	29	26	30	26	29	32	35	38	33	36	36	19	
MEAN	12	12	13	14	14	14	14	12	13	15	18	21	22	23	22	22	17	11	12	12	12	12	13	13	15	2

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
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[illegible]

NOTES 1.    \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - NO 48002 \*MTC YARD 9 STOUFFVILLE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY	25	50.9	74	147
JUN	29	41.0	72	121
JUL	26	48.6	107	243
AUG	16	49.4	127	312
SEP	30	25.6	50	102
OCT	31	21.5	54	124
NOV	30	15.2	28	50
DEC	9	17.2	27	35
YEAR	196	33.8	127	312

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - NO 48002 \*MTC YARD 9 STOUFFVILLE

MONTH	00 TO 10	11 TO 20	21 TO 30	31 TO 50	51 TO 80	81 TO 100	101 TO 150	151 & OVER	TOTAL
JAN		DATA UNAVAILABLE							
FEB		DATA UNAVAILABLE							
MAR		DATA UNAVAILABLE							
APR		DATA UNAVAILABLE							
MAY	20	36	58	232	178	44	37	0	605
JUN	54	108	104	242	126	47	23	0	704
JUL	52	88	108	154	148	53	48	7	658
AUG	19	56	68	141	95	24	18	16	437
SEP	132	171	170	179	43	10	1	0	706
OCT	246	145	149	156	28	6	5	0	735
NOV	305	162	164	86	0	0	0	0	717
DEC	68	59	84	16	0	0	0	0	227
YEAR	896	825	905	1206	618	184	132	23	4789

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
81.4	0	3.9	17.1	27.3	39.7	69.3	90.3	109.4	128.6	312	33.8



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT																UNITS - PARTS/BILLION									
STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA																MONTH - JAN 75									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	12	1	0	0	0	1	3	6	8	***
18	9	7	7	4	4	4	3	1	3	5	7	6	6	5	4	5	3	0	0	0	0	0	0	0	3
19	0	1	2	2	4	5	6	4	7	10	16	32	34	31	31	30	27	28	27	30	32	30	31	31	19
20	29	29	31	28	27	30	26	14	16	19	22	23	22	20	16	12	6	2	2	1	1	2	1	2	16
21	1	1	0	0	0	0	2	3	2	5	12	14	15	13	13	8	1	1	1	1	1	1	1	1	4
22	3	4	4	5	22	31	30	29	24	30	34	31	31	29	29	23	14	6	7	6	5	8	9	9	18
23	6	7	4	1	1	0	0	0	0	1	8	***	13	10	6	8	3	1	1	6	8	4	8	4	4
24	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	1	0	0	2	7	9	14	17	17	21	18	14	14	14	14	14	16	16	15	16	11	11	4	11
26	0	13	15	15	12	11	11	13	19	22	24	29	28	28	28	29	24	25	25	23	20	21	19	20	20
27	17	14	17	19	19	15	10	1	8	12	19	28	30	28	28	16	0	0	0	3	3	1	1	5	12
28	7	8	15	13	10	16	8	3	6	24	32	32	32	32	25	13	1	0	0	0	0	0	0	0	12
29	2	5	14	14	18	12	7	3	11	20	26	23	24	26	28	22	22	19	27	22	24	17	28	28	18
30	29	29	29	31	33	31	25	15	12	23	30	30	30	27	27	25	14	5	3	3	0	0	0	0	19
31	0	0	0	0	0	0	0	0	1	***	***	8	17	25	23	25	9	2	2	2	4	3	0	0	6
MEAN	7	9	10	9	11	12	10	7	9	14	19	21	22	21	20	16	9	7	7	7	8	7	8	7	11.5

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POLLUTANT - OZONE-CHEMILUMINESCENT																UNITS - PARTS/BILLION									
STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA																MONTH - FEB 75									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	2	6	8	12	8	6	9	24	29	34	34	33	33	30	20	12	0	0	0	0	0	0	13
2	0	0	1	3	6	2	1	1	2	15	21	29	34	34	35	26	14	4	8	6	8	6	2	11	11
3	8	13	20	12	8	21	18	8	13	23	30	29	36	34	34	30	20	13	19	15	10	18	13	9	19
4	12	17	5	7	4	0	0	0	5	14	16	18	20	***	13	13	11	11	11	6	0	0	0	0	8
5	0	6	14	14	14	8	4	0	6	13	17	19	15	16	20	20	6	5	5	6	12	12	7	7	10
6	7	13	19	22	5	9	2	10	12	17	21	25	25	31	31	20	16	3	3	3	0	0	0	0	12
7	0	0	0	0	0	0	0	0	5	26	34	34	32	32	35	26	15	0	2	0	0	0	0	0	10
8	0	0	1	16	16	14	0	5	5	16	23	38	37	40	30	20	20	21	21	25	20	21	14	8	17
9	9	9	1	12	12	17	20	26	32	36	37	40	38	31	26	26	19	8	0	0	0	0	0	0	17
10	0	0	0	0	3	3	0	0	0	11	17	13	17	14	7	0	0	0	0	0	0	0	0	7	4
11	5	6	10	12	12	9	10	7	9	15	18	21	21	21	18	15	19	7	0	0	4	3	12	8	11
12	13	15	14	9	6	20	9	5	5	9	16	16	11	9	9	9	9	3	0	0	1	1	0	2	8
13	0	1	1	2	4	7	0	5	9	18	23	24	24	22	18	14	14	11	7	15	9	2	2	11	11
14	10	8	8	16	16	16	9	9	18	20	20	***	31	34	34	23	16	13	8	3	0	0	0	1	14
15	2	0	0	0	0	0	0	1	3	10	12	15	16	20	18	12	5	0	0	0	0	0	6	1	5
16	4	5	1	2	0	0	3	16	25	20	35	35	41	43	38	36	25	20	16	0	0	4	0	0	15
17	0	0	0	5	9	18	8	6	16	31	36	36	36	37	34	30	23	17	25	30	29	27	25	25	21
18	25	21	17	17	11	3	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	4
19	0	0	0	1	2	2	3	8	11	17	24	27	34	26	26	18	17	24	25	30	31	30	30	30	17
20	31	31	29	29	29	19	3	0	3	9	18	17	17	19	22	21	12	3	11	7	6	9	13	17	16
21	31	31	28	28	28	28	21	11	18	22	27	32	39	29	27	26	17	3	0	0	0	0	0	0	19
22	4	6	2	1	0	5	4	1	0	2	8	11	8	14	11	3	9	11	1	0	0	0	0	0	4
23	0	0	0	2	3	1	0	0	3	15	19	26	16	8	4	1	1	1	1	3	0	4	10	11	5
24	20	24	30	37	36	34	28	18	22	25	20	27	27	20	20	21	16	19	22	23	20	20	15	7	23
25	6	4	4	6	12	8	6	3	9	17	21	18	19	22	22	17	12	10	13	14	16	17	16	18	13
26	22	26	30	32	32	29	26	16	17	27	32	32	29	32	30	24	21	26	30	27	29	31	31	33	28
27	33	31	31	29	24	25	19	13	15	22	23	23	25	26	21	14	8	4	12	15	31	22	13	14	21
28	25	25	25	26	26	20	5	5	6	15	19	15	19	15	19	16	7	5	11	17	17	15	23	14	16
MEAN	10	10	10	12	12	12	7	6	10	17	22	24	25	25	23	19	13	9	9	8	9	9	8	8	13.2

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
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3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT														UNITS - PARTS/BILLION											
STATION - SE NO 51001														MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA											
														MONTH - MAR 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	6	16	16	23	21	25	21	23	27	28	33	35	32	30	27	24	21	19	11	12	0	5	1	20
2	0	1	2	6	12	14	23	28	31	31	33	36	33	33	34	36	36	****	****	****	****	****	****	****	23
3	DATA INVALID																								
4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	40	39	29	23	14	6	13	7	3	3
5	6	13	11	10	8	8	6	3	3	7	19	28	37	19	19	11	8	5	3	5	1	0	0	0	10
6	9	12	12	15	17	23	17	10	9	15	16	19	27	26	26	26	18	15	2	0	0	0	0	0	13
7	0	0	0	0	0	0	0	0	3	7	13	15	19	31	36	41	46	37	36	35	38	38	38	38	20
8	41	39	37	38	39	37	37	37	40	41	42	44	43	42	41	41	40	36	36	34	38	38	36	35	39
9	31	28	17	14	15	19	18	22	25	32	36	38	39	38	34	31	26	18	15	16	18	12	11	17	24
10	25	35	35	43	36	38	21	16	20	20	27	21	30	32	40	37	35	13	4	0	0	0	0	0	22
11	0	0	0	0	0	0	2	2	5	5	13	20	29	37	34	27	25	8	3	1	2	0	0	0	9
12	2	2	2	8	17	25	18	8	8	10	19	16	11	****	****	****	****	****	****	****	****	****	****	****	10
13	12	17	17	16	13	12	28	34	31	41	44	44	45	45	41	38	36	30	30	30	30	34	34	5	10
14	27	23	16	17	15	12	16	15	22	28	34	34	36	36	40	38	35	28	16	14	16	20	21	13	24
15	17	16	9	2	9	10	8	14	22	31	41	43	46	42	42	38	34	24	12	11	14	4	6	0	21
16	2	3	10	6	3	22	21	22	25	31	40	50	62	70	70	64	52	36	25	20	10	8	1	1	27
17	10	24	6	11	12	11	8	6	16	31	37	38	38	42	37	36	33	25	17	2	2	0	0	0	18
18	5	14	19	10	11	6	4	3	9	20	31	****	34	50	62	52	40	7	11	26	19	14	21	7	21
19	14	4	3	3	7	8	4	3	3	9	20	22	21	16	14	17	20	20	17	14	14	17	21	1	18
20	14	26	29	29	27	30	32	32	40	38	37	34	37	38	38	37	37	37	37	39	41	41	39	40	35
21	42	43	42	41	41	39	34	36	39	40	42	41	42	42	42	41	32	23	8	0	2	2	0	0	30
22	0	0	2	18	26	29	31	29	32	34	32	34	38	37	38	37	34	35	32	28	21	16	6	16	25
23	31	28	29	34	37	35	40	42	44	43	43	42	41	41	41	41	39	33	26	15	10	4	9	32	31
24	15	32	34	32	35	25	23	23	25	31	28	26	27	30	31	30	24	27	26	26	26	26	26	26	27
25	28	26	17	19	17	16	6	4	3	7	7	11	15	9	1	1	1	2	2	2	3	3	31	1	31
26	31	31	31	31	31	31	28	28	30	31	35	****	40	40	40	40	38	38	33	35	35	37	39	41	35
27	43	43	41	41	41	38	36	35	37	37	37	38	42	42	41	38	35	29	35	35	35	38	38	35	38
28	35	33	35	35	35	36	38	40	40	42	41	37	36	36	32	32	28	26	11	1	1	0	0	0	27
29	0	0	2	7	18	24	28	29	25	26	18	18	15	15	10	4	0	0	1	1	3	21	36	32	14
30	31	31	28	34	38	36	35	36	39	41	44	39	37	38	35	35	31	26	28	26	28	32	36	34	34
31	37	38	38	38	38	38	36	40	42	45	42	45	45	46	42	40	37	28	22	13	13	9	15	16	33
MEAN	18	20	19	20	21	22	21	21	24	28	31	32	35	35	36	34	30	23	18	16	16	14	16	16	23

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT														UNITS - PARTS/BILLION											
STATION - SE NO 51001														MCDONALD GDN RIDEAU/WURTEMBERG ST, OTTAWA											
														MONTH - APR 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA	INVALID -											
2													42	41		41	34	32	21	9	6	6	6		
3	36	41	45	32	32	37	43	39	34	36	32	31	31	30	28				39	39	44	44	44	44	37
4	45	45		44	44	44	41	41	41	39														31	
5	32	35	37	35	37	37																			
6	36	36				36	36	36	36	36	36	36													
7				32			35	35	35				39									34	34		
8	38	38	38	40	43	43	41	41	41	41			44	44				36	38	40	38	38	36	35	34
9				46	46	46	44	44	44	46	49	49	48	46	45		44	41	37	33	14				
10	21				43	43	43	43	43	48	48	48	50	50		58	55	48	52	49	38	44	50	46	46
11	56	58			55	52	49	46	46	46	46	46	38												
12													- DATA	INVALID -											
13													- DATA	INVALID -											
14													- DATA	INVALID -											
15													- DATA	INVALID -											
16													- DATA	INVALID -											
17													- DATA	INVALID -											
18	0	0	1	0	0	0					16	24	70	72	54		46	44	30	24	8	8	1	0	0
19	10	7	13	17	30	35	32	34	37	43	43	45	22	23	16	10	6	12	7	25	18	15	8	9	11
20	31	32	34	34	33	36	38	39	34	35	39	40	46	44	45	41	42	42	41	43	35	40	37	32	35
21	51	51	50	49	49	46	47	45	48	48	46	47	51	51	50	46	43	38	24	22		7	7	7	39
22	14	15	17	16	15	19	17	20	29	44	42	45	46	43	44	44	46	43	36	24	20	14	7	8	26
23	13	13	0	0	0	0	4	7	13	36	57	56	52	47	47	40	32	31	36	36	31	28	20	29	26
24	46	51	52	46	42	37	31	16	6	16	36	39	45	45	49	50	47		46	45	46	50	50	48	41
25	51	52	51	50	49	43	40	37	44	49	48	51	51	51	52	47	45	43	32	15	14	9	1	0	39
26	0					32	33	35	35	34	34	34	32	32	31	32	40	39	37	32	36	37	37	37	33
27	40	39	40	40	41	42	44	44	46	46	46	45	44	46	47	49	53	53	43	37	33	34	36	38	43
28				45	47	43	30	35	46	47	49	47	48	49	47	47	38	36	37	23	15	20	20	27	38
29	29	25	19	18	13	8			25	31	38	41	44	45	44	44	47	46	44	42	40	38	34	36	33
30	34	35	37	37	30	13	16	21	26	31	34	43	41	45	43	43	45	39	29	19	15	28	24	23	31
MEAN	31	34	32	32	34	33	34	35	36	40	41	43	45	45	43	43	41	38	35	30	29	28	26	28	35



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT															UNITS - PARTS/BILLION																			
STATION - SE NO 51001															MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA										MONTH - MAY 75									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN									
1	29	31	26	24	24	20	13	13	18	23	22	22	43	56	55	49	47	44	44	38	34	34	41	40	33									
2	50	45	39	46	37	23	10	5	25	27	27	32	***	35	40	40	41	44	29	15	0	0	0	0	27									
3	1	0	0	0	1	1	2	3	9	31	47	50	52	55	57	54	54	54	37	23	18	27	15	18	25									
4	22	23	25	28	25	24	33	38	43	44	46	51	39	38	30	23	40	35	35	32	43	35	33	40	34									
5	44	42	39	39	38	35	21	17	29	40	44	44	49	60	63	64	60	55	49	40	24	29	35	29	41									
6	41	39	36	32	31	27	23	34	36	44	50	49	53	50	53	53	45	48	37	20	25	39	36	37	39									
7	22	21	28	31	26	21	16	28	42	44	50	49	48	50	51	49	46	44	32	39	23	25	28	24	35									
8	27	26	20	19	25	15	16	21	41	42	51	57	59	58	59	59	57	55	46	36	14	7	19	21	35									
9	21	42	41	30	27	22	18	23	32	45	50	53	50	48	45	45	46	48	44	44	24	0	3	4	34									
10	24	24	32	36	33	31	28	27	32	46	59	59	63	62	60	54	57	60	52	14	37	35	34	34	41									
11	27	20	29	31	32	33	28	32	40	43	53	52	54	56	59	73	81	75	67	55	41	24	35	48	45									
12	48	36	37	38	38	31	31	36	36	38	37	32	41	50	44	40	42	32	22	16	21	13	11	22	33									
13	25	28	32	31	29	12	15	25	50	52	56	54	56	54	50	44	42	38	29	13	27	28	22	15	34									
14	14	19	17	37	30	16	14	19	28	34	43	46	55	***	51	50	46	43	34	23	29	34	34	38	33									
15	39	36	45	35	22	7	8	9	19	39	70	88	92	78	63	59	77	50	30	52	43	48	32	37	45									
16	35	44	51	39	33	31	32	37	49	76	76	74	65	63	62	57	49	47	43	32	24	30	18	13	45									
17	12	6	11	7	14	19	25	27	27	30	35	43	48	51	52	52	51	54	50	31	18	20	22	4	30									
18	0	1	2	16	38	46	58	68	76	84	91	89	91	91	94	93	93	93	85	77	68	74	75	68	65									
19	71	66	72	70	58	61	56	56	63	73	111	95	97	104	107	101	103	103	87	78	73	64	65	62	79									
20	70	73	70	74	70	52	20	27	46	67	78	79	86	87	85	81	83	85	71	63	64	62	62	63	67									
21	62	61	55	44	49	39	31	33	46	61	***	66	77	76	65	54	48	46	37	23	23	32	42	36	48									
22	35	29	33	34	32	19	6	9	21	40	44	46	52	50	47	44	53	46	37	16	2	0	0	0	29									
23	2	6	10	14	13	7	9	19	27	34	39	42	44	47	43	40	40	38	29	5	8	10	10	7	23									
24	13	17	21	23	22	21	25	27	32	37	43	46	52	51	51	51	49	39	55	47	26	22	23	23	34									
25	24	26	26	28	27	26	27	27	26	27	29	32	39	42	44	53	55	50	34	31	24	24	24	10	31									
26	14	25	38	39	36	29	15	11	12	19	30	45	45	49	48	41	34	22	7	6	8	12	12	7	25									
27	16	24	25	25	21	10	11	16	19	24	26	30	39	34	31	16	24	32	37	41	42	29	14	34	26									
28	36	35	32	29	25	22	12	13	21	27	31	34	35	33	28	29	30	29	26	17	15	7	5	13	24									
29	19	21	22	22	21	14	9	16	22	27	31	41	45	48	49	49	48	37	27	6	3	1	2	0	24									
30	3	5	14	20	18	10	6	6	6	11	13	20	17	12	15	16	17	16	17	11	20	30	26	23	15									
31	16	14	22	25	21	23	23	23	26	28	29	39	44	45	51	48	46	48	43	26	15	16	15	9	29									
MEAN	28	29	31	31	30	24	21	24	32	41	47	50	54	54	53	51	52	49	41	31	27	26	26	25	36.4									

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLLUTANT - OZONE-CHEMILUMINESCENT														UNITS - PARTS/BILLION																			
	STATION - SE NO 51001														MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA										MONTH - JUN 75									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN									
1	16	19	24	25	28	28	27	27	30	36	37	31	30	32	32	35	35	36	32	18	8	7	14	12	26									
2	20	19	20	21	21	20	18	18	23	25	26	28	30	29	27	27	27	24	15	12	15	17	18	22	22									
3	31	35	31	18	11	9	1	2	5	14	24	34	42	44	43	32	27	28	28	26	21	19	12	19	23									
4	22	20	24	27	26	21	22	27	31	34	32	38	31	***	***	***	***	***	40	32	2	3	1	3	23									
5	17	24	25	24	17	8	10	17	22	28	39	54	52	33	24	28	27	25	25	24	21	21	21	20	25									
6	24	22	21	20	14	6	3	4	17	29	31	30	32	40	28	23	25	32	30	21	18	21	18	20	22									
7	23	24	29	31	30	27	26	22	20	20	20	29	31	32	29	28	25	21	5	16	17	6	7	10	22									
8	10	11	12	16	16	17	17	18	20	25	31	32	34	29	29	20	11	16	13	9	7	9	3	13	17									
9	18	14	12	11	13	16	10	11	17	31	31	38	35	38	39	39	35	34	31	18	6	3	9	20	22									
10	26	24	25	21	20	16	18	22	26	29	34	39	41	****	44	42	41	38	29	17	0	10	27	31	27									
11	42	28	36	30	29	17	13	19	28	42	46	53	48	46	46	53	53	41	35	6	9	11	44	34	34									
12	49	53	53	62	52	42	23	22	33	29	22	16	13	10	6	4	9	17	21	19	11	3	7	13	25									
13	19	21	21	24	31	34	17	16	30	29	36	45	47	42	40	39	33	34	35	31	30	30	30	29	31									
14	22	19	25	24	21	17	22	28	38	47	55	57	60	63	61	61	57	62	54	43	15	18	27	14	38									
15	10	10	14	20	21	24	28	27	36	47	64	72	57	48	55	56	59	50	40	29	19	35	38	40	37									
16	43	73	72	67	56	47	30	26	37	40	39	39	***	40	40	40	43	45	35	30	29	30	31	40	42									
17	32	30	23	28	32	18	12	17	30	41	49	51	55	58	52	49	55	48	48	40	12	14	14	21	35									
18	41	42	38	39	45	43	33	31	37	46	49	50	47	45	48	45	44	45	42	40	38	39	41	41	42									
19	41	43	35	26	29	22	13	10	16	22	23	24	39	39	41	38	35	24	22	18	12	19	11	11	26									
20	20	26	30	30	28	23	20	23	24	27	30	***	***	***	***	27	27	27	24	10	0	0	0	0	20									
21	0	3	5	2	5	6	9	17	26	34	38	38	41	41	44	49	48	53	47	40	32	35	26	30	28									
22	37	44	14	13	15	23	30	47	72	73	73	82	84	82	78	70	63	63	95	94	91	84	91	99	63									
23	90	89	87	66	60	47	29	28	62	81	85	86	85	86	84	86	80	72	76	66	61	67	64	64	71									
24	56	53	47	46	43	37	36	39	39	33	34	39	40	***	31	23	21	17	17	15	13	11	16	15	31									
25	17	15	20	20	20	17	13	18	24	30	34	33	35	36	38	42	42	40	35	12	0	0	0	0	23									
26	1	1	7	7	6	6	12	20	36	46	40	39	48	50	51	53	52	54	41	16	0	0	0	0	24									
27	0	4	1	1	0	3	6	36	46	54	61	62	65	70	76	81	81	87	85	67	41	43	34	38	43									
28	44	40	45	28	28	32	31	46	52	63	74	93	82	80	90	83	80	86	73	42	28	22	25	7	53									
29	14	26	28	28	25	22	26	29	30	34	33	35	39	39	41	46	51	51	40	26	13	8	17	14	30									
30	20	27	18	22	21	19	22	34	38	42	44	40	43	45	50	48	50	45	40	22	18	28	21	13	32									
MEAN	27	29	28	27	25	22	19	23	32	38	41	45	46	46	45	43	43	42	39	30	19	20	21	23	32 0									



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT														UNITS - PARTS/BILLION											
STATION - SE NO 51001														MCDONALD GDN RIDEAU/WURTEMBERG ST,OTTAWA											
														MONTH - JUL 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	20	30	33	30	30	27	37	44	56	71	76	72	71	71	70	70	65	51	45	42	25	16	17	45
2	27	27	24	22	15	15	7	7	12	12	11	12	9	9	7	4	3	2	1	0	0	0	0	0	9
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
4	17	23	25	25	22	20	18	17	20	23	32	31	32	36	34	30	27	24	21	19	9	9	12	11	22
5	5	3	3	9	13	13	13	18	21	27	30	34	46	59	63	56	51	50	44	22	6	13	13	4	26
6	1	0	1	6	12	18	16	19	27	36	39	43	45	43	41	42	42	32	24	10	1	0	0	9	21
7	18	12	17	19	21	19	8	11	27	53	83	92	65	62	57	52	54	57	57	61	59	51	43	31	43
8	9	10	8	8	32	34	20	26	47	62	64	66	70	73	66	52	46	57	51	52	55	56	51	55	45
9	59	49	31	17	14	10	8	2	7	14	19	20	***	32	29	28	27	26	25	23	16	13	13	22	22
10	15	15	18	20	23	22	16	17	20	23	26	31	36	38	41	42	40	35	26	5	1	0	13	29	23
11	35	32	30	32	18	18	8	9	11	35	34	30	35	32	31	31	27	25	24	19	15	10	7	3	23
12	2	1	3	1	3	5	7	12	20	27	36	43	54	53	51	51	47	44	41	30	24	28	30	26	27
13	25	19	17	19	24	24	26	28	32	41	49	47	50	55	55	53	51	45	38	32	27	16	16	13	33
14	25	20	19	18	17	14	3	7	18	26	28	29	40	37	39	41	42	41	37	32	30	27	38	43	28
15	48	47	47	45	42	38	22	26	36	44	47	48	53	51	51	49	50	51	51	47	42	40	41	47	44
16	56	59	58	58	37	21	14	13	26	51	71	71	68	68	65	63	65	62	62	61	64	61	60	63	54
17	66	69	78	86	87	91	70	54	49	56	68	61	64	66	71	73	78	88	84	81	69	69	65	76	72
18	92	88	89	91	88	44	22	43	64	73	75	77	71	71	70	61	60	63	69	71	68	62	60	62	68
19	67	75	66	66	61	53	41	40	40	60	60	59	57	52	47	39	36	41	43	41	32	35	43	41	50
20	41	41	35	34	34	32	30	29	30	35	42	42	49	53	54	45	39	28	16	13	14	4	4	4	32
21	26	24	22	21	18	12	8	9	19	20	24	24	26	24	20	22	20	20	19	17	3	0	1	1	17
22	5	11	12	10	6	2	2	4	10	20	24	26	***	***	***	***	***	***	***	***	***	***	***	***	***
23															- DATA INVALID -										17
24															- DATA INVALID -										17
25															- DATA INVALID -										17
26	17	16	19	19	18	17	15	18	19	21	26	26	28	28	28	30	30	28	27	13	5	14	23	33	22
27	30	34	34	39	45	47	25	27	27	30	32	33	17	3	17	45	46	30	38	30	22	10	1	8	28
28	4	3	22	29	30	27	19	17	18	21	21	23	28	14	15	17	19	18	18	17	14	14	11	8	18
29	13	13	14	14	12	6	3	5	11	17	20	23	26	26	26	25	23	20	20	11	3	0	2	1	14
30	1	5	9	13	13	6	2	1	8	29	46	52	59	63	66	69	66	60	60	60	69	71	73	41	41
31	71	64	65	56	50	48	35	42	58	66	78	79	83	77	74	65	63	62	62	49	13	8	12	38	55
MEAN	28	28	28	29	28	25	17	19	26	35	41	42	44	43	43	43	42	40	37	32	26	24	24	27	32.1

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT															UNITS - PARTS/BILLION										
STATION - SE NO 51001															MCDONALD GDN RIDEAU/WURTEMBERG ST,OTTAWA										
															MONTH - AUG 75										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	54	61	54	29	22	18	4	6	22	63	58	55	60	62	59	56	54	38	30	23	44	65	61	64	40
2	63	49	52	51	45	27	17	17	19	31	39	46	49	48	50	51	52	50	45	34	29	30	31	27	40
3	17	24	27	25	23	20	18	18	26	36	49	54	49	46	49	54	55	56	41	25	15	14	17	25	33
4	58	61	59	49	41	38	39	39	40	44	50	51	58	54	52	49	41	34	32	21	18	16	16	18	41
5	21	26	27	28	28	23	13	20	21	22	22	22	23	21	20	22	23	22	24	23	23	23	23	20	23
6	22	21	21	23	23	24	17	22	26	27	27	29	30	31	30	27	25	25	22	21	21	22	23	21	24
7	22	21	23	24	25	21	15	20	26	31	19	22	29	27	31	31	29	21	19	15	6	4	1	0	20
8	0	1	5	12	12	11	8	8	18	32	40	43	40	36	36	40	41	41	18	6	0	0	0	0	19
9	0	4	6	5	12	13	7	14	40	77	90	88	96	90	88	88	84	78	79	96	102	104	98	96	61
10	99	85	81	75	74	73	70	68	64	62	51	50	48	46	44	46	46	45	42	17	1	22	36	35	53
11	34	30	45	62	58	46	25	21	21	38	48	56	61	51	44	36	45	39	41	36	24	25	23	5	38
12	20	28	26	23	22	16	11	13	20	27	27	29	32	32	32	34	32	30	23	14	6	4	2	1	21
13	3	8	8	9	7	7	2	2	3	11	28	35	32	***	21	17	20	20	16	15	22	39	39	42	18
14	39	35	33	25	23	16	12	18	23	27	28	30	31	31	28	27	27	24	17	13	1	1	7	5	22
15	0	0	2	2	3	4	9	4	10	44	39	37	39	34	25	35	29	20	5	0	0	0	0	0	14
16	0	0	0	0	3	4	9	13	27	41	45	45	47	42	47	47	41	38	20	8	11	48	54	48	27
17	50	40	36	32	26	23	20	23	31	31	39	53	57	63	54	44	37	31	24	15	19	31	33	35	35
18	34	32	28	20	15	12	8	14	22	20	21	23	23	25	23	21	23	24	26	22	21	23	21	22	22
19	24	23	19	19	12	5	5	7	15	21	22	24	26	27	28	25	26	22	20	14	13	15	15	18	19
20	23	24	24	16	13	2	***	***	***	***	***	***	***	***	***	29	29	28	21	11	4	0	0	0	*****
21	2	7	10	4	3	0	0	0	0	7	11	23	34	44	40	24	11	41	37	32	27	33	25	19	16
22	23	17	11	21	34	30	18	18	17	30	34	30	39	32	32	24	28	25	15	13	2	2	4	6	21
23	12	18	24	23	21	18	18	23	23	32	38	40	39	40	43	44	39	21	5	0	0	5	1	1	22
24	1	3	12	20	20	18	16	16	15	18	22	32	28	27	24	15	9	18	13	12	11	12	9	13	16
25	11	11	10	10	9	6	3	2	2	3	5	11	21	34	46	46	46	27	44	41	40	38	25	4	21
26	24	37	35	26	24	8	5	6	15	33	43	48	41	40	45	38	30	22	19	16	15	14	12	2	15
27	15	12	13	14	14	7	9	16	19	19	22	28	27	25	20	17	17	14	9	1	0	0	2	2	23
28	3	9	7	5	6	2	0	4	14	22	25	27	26	25	20	26	25	24	8	4	4	8	12	13	4
29	15	16	15	12	12	2	0	1	1	2	6	11	5	5	6	4	3	5	7	8	13	22	14	15	48
30	14	12	13	14	14	15	18	20	23	25	31	32	32	31	27	28	23	25	14	9	13	11	11	11	19
31	12	9	10	11	13	16	16	17	22	28	32	30	31	37	39	37	36	31	21	21	17	15	3	5	21
MEAN	23	23	24	22	21	17	14	16	21	30	34	37	38	38	37	35	33	30	24	19	17	21	20	19	25



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

	POLLUTANT - OZONE-CHEMILUMINESCENT														UNITS - PARTS/BILLION										
	STATION - SE NO 51001														MONTH - SEP 75										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	8	9	12	11	14	15	16	13	6	6	10	12	12	19	13	12	9	4	2	3	6	6	6	10
2	9	7	11	15	12	4	2	1	5	5	14	23	22	21	20	16	15	12	11	12	15	15	16	16	12
3	14	16	16	15	10	5	4	5	8	6	11	7	6	5	4	4	4	1	1	1	1	2	2	2	6
4	0	1	1	1	0	1	1	2	3	3	6	8	9	9	10	***	28	17	7	3	6	5	5	17	6
5	16	18	17	14	15	4	2	4	19	37	36	36	34	37	37	27	21	23	10	1	1	13	20	24	19
6	21	28	27	26	25	21	21	19	11	12	11	13	20	13	20	14	16	15	1	2	10	19	15	19	17
7	21	21	23	22	16	11	14	18	18	19	22	26	26	32	34	30	26	20	8	8	8	9	11	16	19
8	16	17	1	12	10	5	2	2	15	26	31	37	34	33	26	25	27	25	22	15	18	14	13	15	19
9	19	19	1	21	23	18	14	13	18	17	19	19	19	21	20	22	24	24	15	14	5	8	1	6	17
10	4	8	14	8	5	3	3	9	14	19	23	30	28	27	20	16	12	12	5	4	2	2	4	5	12
11	17	12	6	1	2	2	1	1	20	40	49	57	60	74	76	66	62	54	66	56	58	60	52	45	39
12	36	37	37	38	37	29	24	23	22	16	17	18	17	18	19	17	18	11	2	2	2	3	2	2	19
13	1	4	6	4	4	2	5	7	8	13	18	18	19	19	19	14	8	12	11	5	7	9	9	9	10
14	3	4	10	9	9	7	13	16	20	19	22	22	22	22	22	22	21	15	4	1	0	0	0	1	11
15	7	12	12	16	15	5	2	3	10	21	28	38	40	39	36	34	27	25	21	20	17	16	19	23	20
16	23	19	21	14	11	5	1	1	6	17	24	28	27	***	25	17	23	18	12	11	14	10	9	10	15
17	9	13	11	11	11	11	3	3	11	21	30	42	44	49	34	24	24	20	6	2	2	2	2	4	16
18	15	22	17	12	13	9	4	5	7	10	11	14	***	***	19	10	3	1	1	18	25	28	12	19	13
19	28	36	34	35	29	17	4	4	4	4	4	4	3	3	3	4	4	4	4	4	4	4	4	4	10
20	2	3	3	4	4	4	4	5	9	9	9	7	6	5	5	11	22	19	14	14	11	9	9	11	8
21	15	16	2	10	18	23	22	18	15	21	20	26	13	10	16	17	19	17	6	15	13	14	11	15	16
22	15	16	15	15	12	5	4	8	11	14	15	19	15	14	11	11	3	4	3	3	8	8	8	10	10
23	14	17	15	11	12	5	1	3	8	20	27	33	31	31	25	24	20	14	1	1	1	3	6	12	14
24	15	16	16	16	15	6	2	3	5	9	2	***	12	13	11	18	19	11	9	4	6	12	16	18	11
25	23	23	22	21	20	17	12	14	17	19	19	16	12	11	7	6	7	6	8	9	8	7	6	7	13
26	9	9	10	10	10	9	4	2	2	4	6	5	4	4	3	3	3	1	1	1	0	0	0	0	4
27	0	0	0	1	1	1	0	0	1	2	2	11	15	22	22	21	15	11	7	6	5	4	6	9	7
28	7	8	8	9	9	10	13	15	16	17	18	20	21	20	22	24	25	24	9	7	7	4	4	3	13
29	2	5	6	5	6	5	2	0	4	10	14	22	28	31	30	23	12	3	6	10	6	2	2	2	10
30	2	2	3	4	5	5	1	1	0	3	13	35	45	45	28	11	13	24	17	14	21	30	36	31	16
MEAN	12	14	14	13	12	9	6	7	11	15	17	22	22	23	21	19	18	15	10	9	9	11	10	12	13.8

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT														UNITS - PARTS/BILLION										
	STATION - SE NO 51001														MONTH - OCT 75										
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	29	37	23	23	19	6	2	5	17	28	****	39	42	30	19	7	10	11	12	7	9	9	10	11	18
2	13	11	13	16	20	20	17	19	24	26	27	27	25	24	22	21	22	22	14	24	17	16	10	14	19
3	15	17	15	12	12	4	2	4	12	18	19	22	30	34	27	20	19	15	14	23	25	26	25	21	18
4	21	24	23	22	22	18	16	21	23	25	27	30	33	34	30	27	26	20	10	6	2	0	1	3	19
5	5	4	4	5	8	8	7	10	13	14	17	24	36	58	60	61	64	46	35	23	15	10	26	49	25
6	56	67	68	64	55	39	16	14	28	41	43	40	38	34	32	29	23	23	26	27	31	31	31	38	37
7	39	39	37	34	31	23	11	24	31	32	31	30	34	30	27	29	29	11	0	2	3	6	8	10	23
8	10	12	21	23	23	9	4	7	12	17	22	25	****	30	28	26	18	14	4	9	9	10	12	16	16
9	22	28	29	32	33	28	17	12	16	20	24	25	30	***	17	15	16	7	9	7	13	15	14	18	19
10	22	25	26	25	24	13	4	4	6	6	5	4	4	3	2	1	2	2	3	3	2	2	2	2	8
11	3	4	3	2	2	3	2	2	2	3	4	8	11	9	9	11	1	11	17	16	9	6	3	11	6
12	13	14	12	10	17	18	11	7	9	11	12	7	10	9	4	3	2	0	0	0	3	3	2	1	7
13	2	2	7	8	7	7	6	4	6	7	7	10	9	9	3	1	2	2	1	0	0	0	0	1	4
14	3	8	10	11	11	5	1	6	15	18	20	23	****	27	24	21	14	7	3	4	1	1	1	4	9
15	20	18	19	20	19	19	16	15	10	11	13	12	5	3	***	2	2	2	2	2	1	1	6	9	13
16	3	2	3	1	2	3	1	1	4	5	8	8	11	9	10	10	12	4	8	1	1	1	6	9	13
17	16	12	10	12	11	5	1	2	5	9	14	15	****	18	12	5	5	8	5	4	6	10	12	13	9
18	10	6	11	15	17	18	15	18	22	22	23	22	24	22	21	17	16	20	23	24	19	24	22	24	19
19	26	27	28	31	31	30	27	25	24	21	18	16	17	15	16	16	16	13	9	5	4	4	5	6	18
20	8	8	8	9	14	13	8	4	3	5	2	2	1	0	0	1	0	0	2	0	0	3	5	5	4
21	3	4	3	4	4	3	0	1	4	6	12	14	17	19	20	15	8	12	16	20	14	9	5	9	9
22	13	14	17	11	14	8	3	2	11	19	25	29	32	32	24	18	7	1	1	0	0	0	0	0	12
23	1	6	11	12	21	24	14	10	14	19	21	23	28	30	26	20	11	5	4	5	5	4	6	8	14
24	10	11	9	7	8	4	3	1	2	8	13	32	65	69	64	48	24	4	1	2	20	29	27	19	20
25	14	6	15	31	26	22	15	9	6	7	16	20	18	24	26	26	24	23	19	15	15	18	15	15	18
26	17	17	17	17	16	14	12	16	19	23	27	31	36	35	36	35	19	0	0	0	0	0	0	0	16
27	0	0	0	0	1	1	1	0	0	0	2	6	13	24	25	15	5	1	0	0	1	5	0	0	4
28	0	0	0	0	0	2	0	0	0	0	2	6	12	19	21	22	15	5	1	3	4	4	2	4	5
29	9	10	14	19	24	23	27	18	25	27	23	19	16	19	***	15	11	8	3	5	12	13	16	16	16
30	18	21	20	21	23	23	22	22	18	18	19	18	17	15	14	12	10	5	***	***	1	2	3	1	15
31	10	12	13	16	18	19	20	15	7	9	7	9	14	15	9	9	5	1	1	1	2	0	2	6	9
MEAN	14	15	16	17	17	14	10	10	13	15	17	19	23	23	22	18	14	10	8	8	8	9	9	11	14.0



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT														UNITS - PARTS/BILLION											
STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST.OTTAWA														MONTH - NOV 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	7	4	5	8	12	11	4	0	0	1	0	0	0	0	0	0	2	3	4	3	1	5	8	3
2	10	5	9	11	13	11	12	13	16	13	9	11	10	7	10	11	7	2	0	1	4	2	1	0	3
3	0	2	3	5	4	3	3	2	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0
4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
5	0	2	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	13	16	19	18	9	7	2	1	0	0	1	2	6	8	5	2	0	1	0	6	7	7	8	9	6
8	9	8	12	10	10	12	11	8	9	7	7	6	5	6	6	3	7	12	12	13	14	14	15	16	10
9	14	15	15	12	13	22	43	20	12	9	14	15	15	19	19	15	16	14	1	4	10	12	6	10	14
10	14	10	11	14	17	16	14	3	5	5	5	3	3	3	4	6	9	8	11	15	18	19	21	20	11
11	22	23	23	23	20	20	17	12	13	12	11	10	11	13	11	8	19	28	22	8	1	1	1	1	14
12	11	9	16	11	17	13	24	17	7	13	8	14	4	4	8	2	9	13	14	13	13	16	15	19	12
13	12	21	8	13	5	10	7	12	4	5	6	6	5	3	2	3	4	5	7	8	11	15	17	8	14
14	20	19	20	22	22	19	16	14	12	7	7	22	14	42	15	15	24	13	14	13	12	11	13	13	17
15	13	11	13	13	14	13	12	10	13	10	12	11	10	11	10	3	0	0	0	0	1	2	0	0	8
16	0	0	0	0	0	2	3	6	7	6	4	1	6	5	4	2	2	1	2	1	1	1	1	0	2
17	0	4	2	1	1	0	2	1	0	0	1	0	1	0	1	1	1	1	1	1	0	0	2	0	1
18	0	2	0	0	0	2	1	0	0	1	2	3	3	0	1	1	1	1	1	1	0	2	0	0	3
19	6	11	16	18	18	17	14	7	5	6	9	11	8	6	6	1	9	7	5	4	3	3	4	8	3
20	9	10	11	11	12	12	9	7	3	5	7	6	8	7	7	7	8	10	11	13	12	14	15	16	10
21	19	18	18	18	18	19	15	12	10	11	10	6	6	2	0	0	0	0	0	0	0	0	0	6	8
22	11	10	10	13	14	17	17	18	17	18	16	16	17	15	15	14	12	11	12	13	13	12	15	15	14
23	16	14	16	16	17	17	17	15	14	14	14	16	18	17	16	15	13	11	12	8	4	3	8	11	10
24	14	16	15	14	13	14	11	5	1	4	6	8	10	11	12	12	8	6	5	10	13	12	6	9	10
25	16	20	18	19	18	18	18	18	15	16	12	5	0	0	0	23	23	26	30	31	31	29	28	25	21
26	24	21	18	17	16	14	11	8	15	5	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0
27																									
28																									
29																									
30																									
MEAN	10	11	11	11	11	12	12	8	7	7	7	7	7	9	8	7	7	7	7	7	8	8	8	9	8

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION													
STATION - SE NO 51001												MCDONALD GDN RIDEAU/WURTEMBERG ST,OTTAWA													
MONTH - DEC												75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	8	10	10	10	12	10	9	9	12	18	25	2	2	2	1	1	0	0	1	2	1	1	2	2	1
4																0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
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29																									
30	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31	0	0	0	2	4	6	6	4	6	9	15	7	15	16	13	8	11	10	10	3	1	3	5	3	7
MEAN	4	5	5	6	8	8	8	7	6	9	14	5	9	9	7	5	4	3	4	2	1	1	2	2	5

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST, OTTAWA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	14	11.5	20	34
FEB	28	13.2	28	43
MAR	29	23.5	39	70
APR	17	35.6	46	72
MAY	31	36.4	79	111
JUN	30	32.0	71	99
JUL	27	32.1	72	92
AUG	30	25.4	61	104
SEP	30	13.8	39	76
OCT	31	14.0	37	69
NOV	23	8.6	21	43
DEC	2	5.2	7	25
YEAR	292	22.6	79	111

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBERG ST, OTTAWA

MONTH	00 TO 10	11 TO 20	21 TO 30	31 TO 50	51 TO 80	81 TO 100	101 TO 150	151 & OVER	TOTAL
JAN	190	65	71	19	0	0	0	0	345
FEB	313	177	116	64	0	0	0	0	670
MAR	172	122	113	279	7	0	0	0	693
APR	39	37	30	324	28	0	0	0	458
MAY	65	92	157	271	128	22	6	0	741
JUN	76	133	176	222	73	28	0	0	708
JUL	114	143	119	135	145	14	0	0	670
AUG	149	159	198	162	51	13	2	0	734
SEP	321	241	100	41	12	0	0	0	715
OCT	333	211	135	44	12	0	0	0	735
NOV	346	210	23	4	0	0	0	0	583
DEC	50	8	1	0	0	0	0	0	59
YEAR	2168	1598	1239	1565	456	77	8	0	7111

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
81.2	0	0.9	9.7	18.6	29.8	46.2	57.0	71.6	83.0	111	22.6



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT													UNITS - PARTS/BILLION												
STATION - SE NO 56051													MEMORIAL PARK YORK/THIRD ST., CORNWALL												
MONTH - JAN 75																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	15	15	16	19	19	23	19	19	26	30	32	31	28	27	26	24	26	23	21	9	8	15	17	21
2	15	15	28	17	17	19	19	19	19	22	22	21	28	28	25	20	19	18	15	15	18	21	20	20	20
3	17	15	17	20	26	22	26	12	8	10	20	25	25	19	16	12	16	14	15	19	19	16	16	18	
4	9	9	9	5	1	3	6	7	13	19	23	21	25	25	25	21	21	17	6	6	6	5	7	13	
5	0	0	0	1	2	2	5	0	5	8	5	7	17	15	20	22	10	10	11	7	4	4	5	7	
6	8	5	0	0	0	0	0	0	3	7	10	12	12	10	8	4	0	0	0	0	0	0	0	3	
7	0	0	0	0	0	0	0	0	2	5	5	5	3	4	2	2	2	2	2	2	2	2	2	9	
8	0	0	0	0	0	0	0	0	0	4	7	12	15	15	13	12	14	17	9	13	16	20	17	24	
9	24	22	20	22	19	18	9	2	1	1	2	12	8	17	16	23	16	10	9	7	7	6	3	7	
10	12	12	12	12	12	12	9	3	3	8	20	28	26	26	28	20	8	0	5	6	4	4	5	12	
11	6	6	5	5	8	12	7	4	4	2	19	36	37	36	33	28	21	25	25	25	25	27	26	19	
12	26	26	29	29	30	30	30	28	31	31	29	33	32	30	29	29	26	25	25	25	22	21	19	27	
13	19	20	24	26	25	21	17	10	12	17	19	19	20	22	20	18	12	12	14	13	10	9	7	16	
14	12	21	21	22	22	22	20	23	21	26	27	27	27	26	25	21	15	17	17	19	21	26	22	22	
15	22	22	22	20	20	20	20	16	16	21	22	25	23	24	25	16	10	6	13	16	18	17	16	19	
16	14	12	12	12	16	18	18	11	9	15	12	12	18	20	22	20	14	16	16	14	17	14	16	15	
17	25	22	18	18	18	15	15	13	13	25	24	24	24	24	21	8	****	****	****	18	18	11	1	12	
18	16	20	20	25	25	28	23	3	4	25	27	26	27	27	26	23	22	18	14	19	24	24	21	18	
19	15	12	9	9	12	11	11	10	13	19	28	31	29	30	35	32	30	31	32	28	28	28	28	22	
20	30	29	29	31	30	30	28	25	25	25	25	25	25	25	23	20	13	8	7	0	0	0	0	19	
21												- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	
22												- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	
23												- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	
24												- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	
25												- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	
26												- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	
27												- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	
28												- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	
29												- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	
30												- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	
31												- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	
MEAN	14	14	15	15	15	15	14	10	11	16	19	22	23	23	22	20	15	15	14	14	13	13	12	13	15.7

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3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT													UNITS - PARTS/BILLION												
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL													MONTH - FEB 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -
2													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -
3													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -
4													- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -	- DATA INVALID -
5	****	****	****	****	****	****	****	****	****	****	2	2	5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	1	1	1	0	0	0	0	3	9	14	14	15	14	15	15	15	14	13	13	13	13
7	13	11	11	10	11	9	9	9	9	15	15	15	17	17	17	15	13	8	5	7	9	10	11	11	7
8	12	13	13	15	15	15	14	13	13	13	13	14	16	16	18	18	16	16	13	14	16	16	15	12	11
9	12	12	10	12	12	13	12	9	13	18	19	21	19	19	17	16	12	7	6	8	8	11	9	11	13
10	12	11	11	7	7	8	9	9	11	13	16	18	15	15	16	16	18	17	12	11	11	13	13	13	13
11	18	18	18	18	18	12	4	4	7	11	13	15	17	21	21	21	17	6	6	2	6	10	4	2	12
12	2	2	2	2	2	2	4	4	5	8	11	14	17	17	17	17	15	6	1	3	7	7	7	10	8
13	9	7	5	4	1	1	3	4	6	11	15	17	16	16	16	16	18	15	15	15	13	15	13	13	11
14	15	15	15	16	15	15	15	15	17	19	19	19	21	21	23	24	21	19	21	18	19	19	14	8	18
15	4	4	4	4	4	4	8	5	5	10	15	18	20	20	22	22	20	9	11	8	5	3	3	10	
16	4	5	3	3	6	4	4	4	7	15	20	23	28	27	27	25	22	17	19	14	16	5	3	3	13
17	1	0	0	0	0	2	14	14	15	***	23	23	23	23	25	21	18	11	14	16	16	16	17	18	13
18	20	19	19	17	19	18	13	7	6	6	6	6	6	6	6	6	4	5	6	8	9	8	10	10	10
19	10	10	11	12	12	12	8	8	9	15	16	18	18	17	15	15	15	15	17	17	18	18	20	14	14
20	20	20	20	20	20	16	15	15	17	20	22	22	22	22	22	22	23	23	23	22	20	18	18	20	20
21	19	19	18	18	21	20	21	17	19	19	22	22	26	29	26	29	32	24	14	9	12	13	16	20	20
22	16	16	16	18	18	15	13	12	16	17	21	26	28	28	22	22	12	24	23	22	24	24	20	20	20
23	20	20	20	20	17	14	11	13	12	11	11	10	10	8	10	10	8	6	4	6	8	11	11	12	12
24	8	9	2	3	10	16	16	13	12	8	4	6	7	7	7	9	10	12	18	18	19	12	9	10	10
25	9	14	21	21	18	13	13	10	14	17	19	21	21	21	23	23	23	22	22	22	22	22	21	19	19
26	17	17	20	21	19	18	18	20	23	25	24	24	24	26	27	25	25	25	26	28	28	27	27	23	23
27	22	20	20	20	20	21	22	23	***	19	21	22	21	21	22	20	18	17	16	18	18	17	20	20	20
28	20	20	20	18	17	17	14	14	18	20	19	19	20	23	23	23	15	17	13	14	19	20	17	17	18
MEAN	12	12	12	12	12	12	11	11	11	13	15	16	18	18	18	18	17	14	13	13	14	14	13	13	13.9

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

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NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT															UNITS - PARTS/BILLION										
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL															MONTH - APR 75										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA INVALID	-											
2													- DATA INVALID	-											
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12													- DATA INVALID	-											
13													- DATA INVALID	-											
14													- DATA INVALID	-											
15													- DATA INVALID	-											
16													- DATA INVALID	-											
17													- DATA INVALID	-											
18	69	51	53	52	51	45	44	43	44	46	22	22	34	28	22	26	18	6	8	2	40	69	72	62	69
19	23	23	31	29	27	27	29	34	37	29	34	39	30	32	29	27	24	23	25	29	29	28	27	27	38
20												34	35	40	41	40	38	36	30	19	19	20	19	19	30
21	17	18	20	22	20	21	22	22	24	43	42	42	42	37	24	23	22	19	17	15	13	12	12	24	
22	10	11	12	11	10	14	13	15	19	28	35	32	34	35	37	36	35	35	34	34	32	31	36	35	26
23	33	32	34	34	34	32	32	36	36	36	43	47	49	48	48	46	45	40	37	36	42	32	31	38	
24	51	51	50	50	52	41	38	34	34	***	19	18	20	25	28	28	26	24	25	21	21	22	22	31	
25	21	22	21	22	20	18	19	20	21	22	25	24	25	26	29	28	27	24	23	15	14	10	6	8	20
26	9	7	10	11	12	16	17	17	17	18	18	19	19	18	17	18	17	15	18	20	21	20	21	17	
27	12	11	12	13	14	13	14	14	17	17	18	18	18	19	19	19	21	19	18	7	10	14	17	12	
28	11	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	18	16	15	10	14	16	15	***
29	15	16	18	14	8	11	10	8	9	16	21	21	23	24	25	25	26	28	37	32	24	19	14	19	
30	11	7	5	0	0	0	***	7	13	25	44	45	47	47	50	53	56	66	76	53	28	17	12	8	29
MEAN	24	23	24	23	23	22	24	23	24	26	31	30	31	32	32	31	30	27	28	23	23	25	24	22	26 0

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT														UNITS - PARTS/BILLION											
STATION - SE NO 56051														MEMORIAL PARK YORK/THIRD ST., CORNWALL											
														MONTH - MAY 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	16	9	0	0	0	0	3	5	12	29	36	48	66	72	68	55	54	52	48	44	35	36	37	31
2	41	38	39	38	40	34	30	24	23	23	20	19	20	20	20	18	16	24	14	10	8	4	3	4	22
3	3	4	8	8	9	10	8	10	14	16	18	18	18	19	19	18	19	19	19	12	5	7	12	11	13
4	10	9	8	11	12	13	13	11	12	12	12	13	12	9	9	10	11	11	10	9	10	10	11	10	11
5	9	9	8	8	8	7	6	6	6	7	13	20	24	29	39	37	32	27	24	14	11	10	13	11	16
6	11	10	10	11	12	10	7	10	12	15	19	22	25	27	30	30	29	27	25	21	22	22	19	16	18
7	17	14	12	10	9	7	2	4	6	18	23	21	25	23	23	22	23	24	24	20	16	14	14	15	16
8	15	9	5	11	15	14	10	10	15	20	20	20	25	25	24	25	24	24	24	17	8	1	0	15	15
9	7	8	8	3	1	3	4	6	9	16	21	22	20	20	21	18	16	17	19	12	2	0	0	0	11
10	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
11	10	8	6	5	7	5	5	5	9	14	17	19	20	20	22	26	23	18	10	6	5	2	7	9	9
12	1	0	0	0	0	1	9	17	19	24	24	25	30	32	27	26	25	21	19	16	15	12	13	18	16
13	18	18	18	20	17	14	14	14	24	38	29	29	26	22	20	18	17	20	18	17	16	16	15	16	20
14	18	16	13	15	12	14	13	13	16	24	24	29	30	30	27	21	23	21	16	10	6	8	2	0	17
15	0	2	0	0	0	2	4	9	15	17	18	19	21	23	24	21	20	18	17	5	5	3	6	7	11
16	7	7	8	14	20	22	20	22	24	26	28	30	30	31	30	27	25	27	26	22	19	18	17	18	22
17	15	14	14	13	11	10	11	13	14	15	17	12	20	22	24	23	25	24	22	19	16	14	12	12	16
18	11	16	11	9	9	6	9	8	10	11	12	17	11	36	45	45	45	45	42	38	35	34	44	61	25
19	36	27	27	24	22	22	20	20	21	21	22	25	26	27	30	24	24	22	20	12	12	10	11	12	22
20	13	9	10	15	17	7	2	0	1	12	21	27	28	23	18	17	21	28	21	13	15	18	15	12	15
21	15	14	15	11	8	7	6	6	7	8	8	8	7	8	11	****	25	23	17	11	7	16	20	18	12
22	19	15	11	6	3	5	9	12	19	27	29	38	33	29	34	34	37	37	22	16	12	11	9	7	20
23	5	4	7	8	8	9	10	11	15	18	23	24	21	23	22	20	22	22	19	12	5	3	6	9	14
24	11	10	13	13	12	14	13	12	12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
25	11	10	13	13	12	14	13	12	12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
26	11	10	13	13	12	14	13	12	12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
27	11	10	13	13	12	14	13	12	12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
28	11	10	13	13	12	14	13	12	12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
29	11	10	13	13	12	14	13	12	12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
30	11	10	13	13	12	14	13	12	12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
31	11	10	13	13	12	14	13	12	12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
MEAN	13	12	11	11	11	10	10	11	13	17	20	22	23	25	26	26	25	25	21	16	13	12	12	13	16.5

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT													UNITS - PARTS/BILLION													
STATION - SE NO 56051													MEMORIAL PARK YORK/THIRD ST., CORNWALL													
													MONTH - JUN 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1														- DATA INVALID -												
2	***	***	***	***	***	***	***	***	***	***	***	***	***	26	27	27	25	24	20	16	16	18	18	16	***	
3	18	19	19	19	17	15	16	9	10	17	26	30	32	***	***	***	***	***	10	3	11	12	10	5	16	
4	5	3	3	8	9	9	10	13	22	29	26	29	26	34	38	38	39	35	25	27	27	26	19	27	22	
5	25	23	19	12	10	8	10	13	26	34	36	36	34	36	30	32	34	29	23	17	24	24	25	25	24	
6	25	25	24	23	23	18	20	21	20	30	29	22	26	30	11	12	9	7	6	7	11	11	12	16	18	
7	12	9	8	11	12	13	14	14	13	11	13	15	15	17	19	18	17	17	13	7	7	6	6	6	12	
8	8	9	9	11	10	8	10	15	17	17	16	17	22	23	23	24	24	22	20	20	19	16	9	6	16	
9	2	5	3	6	6	6	7	8	10	16	23	26	40	36	30	28	26	26	23	14	18	14	13	9	16	
10	11	8	9	9	10	10	10	13	12	12	14	16	17	17	17	18	18	18	16	16	17	15	13	14	14	
11	13	12	12	10	11	11	10	11	15	16	23	33	36	30	20	21	22	22	15	8	7	7	9	13	16	
12	16	14	17	15	14	13	10	8	7	7	8	8	4	4	3	2	2	2	2	1	***	***	***	***	8	
13	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	32	39	41	41	37	34	32	30	***
14	29	29	27	24	22	20	22	22	26	34	44	45	44	44	45	48	46	43	39	34	30	25	18	19	32	
15	11	19	16	19	23	24	33	39	41	46	49	49	40	32	32	28	36	37	34	31	27	35	36	41	32	
16	39	43	41	36	31	28	23	27	30	32	29	31	26	29	32	42	41	30	23	23	24	26	26	31	32	
17	26	24	22	21	22	19	19	22	28	34	38	42	45	43	42	45	44	39	28	22	20	18	22	22	29	
18	24	28	37	45	48	40	35	31	28	***	28	28	35	38	38	41	44	46	53	46	45	39	27	24	37	
19	22	22	26	23	22	15	17	18	18	17	15	18	21	23	29	24	24	26	20	14	6	4	6	6	18	
20	9	11	11	8	7	9	11	12	12	14	15	20	20	21	21	18	20	19	12	7	1	2	2	2	12	
21	0	2	5	5	9	11	11	12	17	22	29	27	27	27	30	32	34	36	30	19	28	19	21	19	20	
22	17	19	19	19	19	20	23	37	42	53	58	61	58	70	66	55	56	61	58	68	66	63	57	62	47	
23	58	56	51	51	40	34	30	32	32	41	46	42	47	48	51	51	48	48	59	56	60	59	60	49	48	
24	49	41	39	33	30	27	22	20	24	27	25	24	24	24	25	25	26	27	17	10	7	6	4	4	23	
25	5	5	8	8	8	8	8	9	15	19	19	22	21	***	***	17	17	16	15	11	6	3	7	8	12	
26	11	15	15	2	1	3	7	9	8	10	15	18	19	21	24	27	26	24	23	15	10	10	8	10	14	
27	11	12	12	15	15	15	16	21	29	31	36	38	39	39	38	37	40	42	43	24	23	23	21	17	27	
28	14	15	16	16	16	15	14	16	18	19	22	25	27	24	24	27	29	29	24	18	15	14	14	13	19	
29	10	10	8	8	6	6	8	10	12	12	14	16	19	22	22	22	19	17	15	13	8	6	7	5	12	
30	7	9	9	9	7	9	9	10	13	15	19	22	18	15	15	14	17	17	17	16	15	11	7	7	13	
MEAN	18	18	18	17	17	15	16	17	20	24	27	28	29	30	29	28	29	29	25	21	21	19	18	18	22	



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT															UNITS - PARTS/BILLION										
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL															MONTH - JUL 75										
HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	1	5	8	10	11	17	18	20	18	18	18	20	20	20	15	10	12	15	14	11	12
2	9	9	9	10	11	11	11	11	11	13	14	18	19	19	19	19	19	19	19	19	19	14	9	7	12
3	6	8	8	8	5	9	9	12	20	22	25	26	28	36	31	27	24	19	16	17	21	23	20	20	18
4	18	16	14	7	7	10	13	18	18	20	25	28	28	36	31	27	24	19	16	17	21	23	20	20	18
5																									
6																									
7																									
8																									
9	43	41	32	29	29	28	27	25	25	24	23	20	19	20	23	27	28	28	24	22	24	22	20	20	26
10	17	15	13	13	13	13	14	19	21	22	26	30	36	37	40	42	41	41	35	21	16	15	18	20	24
11	27	28	24	20	21	20	18	19	20	22	25	28	34	32	32	31	32	28	24	22	19	19	19	18	24
12	14	15	12	11	11	11	11	14	19	25	29	30	30	30	31	31	32	29	23	19	13	16	18	17	20
13	8	7	9	10	19	16	15	13	13	16	20	28	28	29	27	27	26	24	21	15	9	10	9	10	17
14	14	15	15	14	16	16	12	9	11	15	16	17	18	17	17	18	21	23	28	20	15	18	20	24	17
15	21	21	21	20	21	19	21	21	25	29	31	32	37	42	43	46	46	45	40	33	28	27	31	31	30
16	29	26	25	23	22	19	18	23	27	42	47	54	51	54	54	54	51	52	46	41	42	40	40	41	38
17	32	26	20	20	20	18	16	17	29	36	37	37	44	47	48	48	51	58	58	56	60	56	54	47	52
18	61	52	46	43	42	38	31	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33
19	49	39	38	33	27	24	21	24	31	36	36	37	36	38	39	29	24	24	31	31	37	36	38	35	33
20	29	24	20	19	18	18	20	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
21	17	14	15	13	13	13	13	12	14	11	13	16	19	22	17	18	16	18	17	12	9	9	9	11	14
22	9	10	9	7	8	6	7	9	12	16	18	22	21	21	22	24	25	25	21	18	16	16	20	25	16
23	23	22	23	22	16	13	21	17	21	22	24	23	27	24	24	26	25	21	18	15	10	16	12	10	20
24	9	9	8	10	10	9	10	10	16	14	23	27	30	29	32	32	32	32	32	32	32	32	32	32	32
25																									
26																									
27																									
28																									
29																									
30	13	13	15	15	17	16	13	16	22	26	30	34	38	38	39	44	45	45	44	44	38	39	36	35	18
31	34	38	27	25	19	18	20	19	29	34	38	41	31	30	33	34	29	26	25	18	13	16	19	22	27
MEAN	22	20	18	17	17	16	16	17	20	23	25	29	29	31	32	33	32	32	29	26	24	24	24	24	24

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
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POLLUTANT - OZONE-CHEMILUMINESCENT													UNITS - PARTS/BILLION													
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST.. CORNWALL													MONTH - AUG 75													
HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	25	22	21	12	14	13	17	19	36	27	24	25	26	27	26	36	28	22	22	21	18	17	17	18	22	
2	14	11	13	16	16	15	18	18	***	***	***	27	25	36	37	42	40	47	49	47	38	32	39	46	30	
3	36	33	27	35	34	28	27	28	29	22	28	26	27	29	30	24	23	26	30	17	16	15	14	13	26	
4	10	12	9	10	12	13	9	10	10	9	9	11	10	13	14	14	14	13	13	13	12	11	10	9	11	
5	8	7	7	7	7	6	6	7	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
6	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
7	2	5	6	5	5	5	6	8	13	***	***	15	17	19	18	17	20	31	36	34	20	9	3	5	6	13
8	7	5	6	6	6	5	6	13	27	27	25	25	25	25	28	26	27	24	18	15	13	21	22	23	18	
9	25	27	25	29	31	36	34	35	43	50	54	66	57	58	61	65	74	75	77	77	76	84	81	74	55	
10	70	66	67	60	53	51	48	45	42	39	40	42	42	40	41	42	44	39	35	28	39	39	36	38	45	
11	35	41	43	45	43	45	43	39	32	39	43	47	48	46	46	42	45	47	45	37	32	26	34	36	41	
12	31	27	27	32	33	30	28	23	29	28	31	28	29	27	40	35	30	31	26	18	6	2	7	14	26	
13	20	22	22	24	26	14	18	22	27	30	32	36	36	34	29	19	21	21	19	16	15	17	19	27	24	
14	30	29	30	25	25	20	19	20	22	23	26	24	26	27	29	29	30	28	24	25	9	3	5	22	22	
15	4	4	4	4	9	14	15	20	***	***	***	***	44	34	29	29	31	29	25	8	2	10	14	12	17	
16	10	14	13	16	11	3	4	17	25	31	35	28	28	31	33	32	37	30	26	26	29	29	31	31	24	
17	24	24	18	17	19	17	14	17	20	24	23	25	26	30	44	48	51	51	46	45	39	41	50	50	32	
18	42	36	30	27	21	18	17	17	19	21	23	23	21	24	23	22	21	20	21	17	17	18	18	18	22	
19	18	19	16	20	18	15	18	22	26	28	29	30	30	28	28	27	28	29	24	18	15	13	18	19	22	
20	16	17	16	17	17	16	18	22	25	29	29	33	38	37	39	38	38	36	27	26	20	19	22	24	26	
21	25	24	23	25	24	24	23	25	28	31	34	***	24	30	31	31	30	31	39	33	27	26	31	27	28	
22	6	4	2	2	3	3	2	5	12	13	15	15	18	23	23	23	22	21	12	3	1	3	6	7	10	
23	8	10	9	10	10	10	15	17	18	25	32	35	32	31	32	34	33	31	25	8	4	16	21	20	20	
24	21	26	27	28	26	26	21	17	19	26	28	29	29	27	26	24	21	17	13	10	7	9	10	10	21	
25	9	11	9		0	0	0	0	5	9	10	13	***	***	***	***	***	***	***	***	***	***	***	***	***	
26																										
27																										
28																										
29																										
30																										
31																										
MEAN	21	21	20	20	19	18	18	19	24	26	27	28	29	30	31	31	32	31	29	23	19	20	22	23	24	

NOTES 1. - - - - INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - - - - INDICATES DATA IS UNAVAILABLE  
3. - - - - - INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY







ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT														UNITS - PARTS/BILLION												
STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL														MONTH - DEC 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	36	37	37	42	36	28	28	27	28	30	28	28	****	53	28	26	22	21	19	18	18	18	17	16	28	
2	15	14	14	12	11	12	8	5	9	14	14	14	16	10	5	6	10	16	17	17	10	11	11	15	12	
3	15	7	2	4	5	6	9	8	10	14	20	23	25	23	21	21	20	17	15	13	8	7	7	9	13	
4	11	9	13	10	7	8	5	1	5	8	13	18	22	21	17	4	0	0	0	7	0	0	0	0	7	
5	0	0	0	0	2	1	0	2	3	6	8	11	12	14	9	2	1	0	0	0	0	3	29	28	5	
6	28	28	29	31	31	31	31	29	26	22	20	12	15	18	16	17	16	22	25	27	30	30	32	31	25	
7	28	25	27	28	29	29	26	26	28	29	29	28	30	30	28	22	13	8	1	7	10	11	9	15	22	
8	27	27	29	28	21	18	20	6	5	9	14	15	11	6	2	0	0	0	0	0	0	0	0	0	10	
9	0	0	0	1	0	0	1	3	7	9	10	11	9	8	7	7	11	17	22	22	22	22	20	15	9	
10	14	17	13	10	9	7	6	1	1	3	5	9	12	12	13	15	17	21	21	19	20	21	20	17	13	
11	26	29	30	26	19	13	9	11	22	31	32	32	33	32	30	29	27	26	21	12	14	17	20	16	23	
12	7	6	2	1	0	0	1	0	0	2	10	18	24	23	18	11	2	1	0	0	0	3	5	6	6	
13	14	16	8	0	0	8	25	25	26	25	21	18	18	17	14	12	9	7	5	4	0	0	0	0	12	
14	0	0	1	1	0	0	0	14	25	26	26	28	27	31	34	35	33	31	30	29	27	25	23	27	20	
15	26	25	26	26	24	17	15	13	14	****	31	30	7	9	12	16	17	17	18	19	20	20	21	23	19	
16	25	27	27	28	27	27	25	25	23	24	26	24	23	21	19	18	13	14	14	4	0	6	16	15	20	
17	20	4	8	14	16	18	16	11	6	9	9	8	5	2	1	0	3	2	0	0	0	8	12	12	8	
18	11	9	7	14	18	17	16	14	12	7	16	24	26	26	25	25	26	26	26	21	15	14	20	20	18	
19	20	25	22	22	23	24	24	23	19	23	24	24	3	2	21	19	18	21	17	3	6	6	7	7	17	
20	8	0	0	0	3	6	8	9	9	12	15	14	14	11	19	22	22	4	0	6	10	10	9	12	9	
21	16	16	16	10	6	6	8	11	15	18	21	25	23	22	20	15	6	4	6	4	3	3	2	2	12	
22	1	0	5	5	3	1	2	2	1	4	10	16	22	20	20	16	14	14	15	15	14	10	9	10	10	
23	6	11	22	21	22	22	21	23	30	30	29	29	30	29	28	23	15	7	6	7	13	12	22	27	20	
24	20	18	16	20	22	22	18	6	9	19	25	25	27	24	20	5	0	1	2	6	0	0	0	0	13	
25	1	5	11	15	19	20	21	16	14	14	14	16	19	19	15	7	2	1	0	0	0	0	0	0	10	
26	0	0	0	0	0	0	2	6	11	13	15	17	19	18	17	15	15	16	15	13	13	8	12	12	10	
27	18	17	16	17	16	16	14	14	13	14	18	18	25	26	26	19	9	10	5	4	6	4	3	4	14	
28	8	7	6	6	6	7	8	9	13	16	20	23	23	23	21	18	6	2	15	7	4	6	5	5	11	
29	4	2	1	1	3	0	0	2	1	5	6	10	15	17	16	7	1	0	0	0	0	0	0	0	4	
30	0	0	0	0	0	0	0	0	0	4	7	5	5	5	3	1	0	0	0	0	0	6	9	10	2	
31	6	4	1	1	2	6	6	8	12	18	21	22	18	17	15	8	3	5	6	8	11	6	10	8	9	
MEAN	13	12	13	13	12	12	12	11	13	15	18	19	19	19	17	14	11	11	10	9	9	9	11	12	13	2

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
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 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	20	15.7	27	37
FEB	23	13.9	23	32
MAR	19	13.5	41	91
APR	11	26.0	38	76
MAY	23	16.5	31	72
JUN	27	22.1	48	70
JUL	21	24.4	52	68
AUG	23	24.1	55	84
SEP	DATA UNAVAILABLE			
OCT	25	12.5	19	70
NOV	27	13.2	25	40
DEC	31	13.2	28	53
YEAR	250	17.2	55	91

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH	00 TO 10	11 TO 20	21 TO 30	31 TO 50	51 TO 80	81 TO 100	101 TO 150	151 & OVER	TOTAL
JAN	150	164	148	16	0	0	0	0	478
FEB	172	294	97	1	0	0	0	0	564
MAR	262	76	43	43	19	2	0	0	445
APR	25	91	75	77	16	0	0	0	284
MAY	176	212	123	36	7	0	0	0	554
JUN	140	206	166	116	27	0	0	0	655
JUL	64	201	139	114	32	0	0	0	550
AUG	99	135	178	121	20	2	0	0	555
SEP	DATA UNAVAILABLE								
OCT	254	263	78	9	4	0	0	0	608
NOV	314	190	106	59	0	0	0	0	669
DEC	329	221	169	22	1	0	0	0	742
YEAR	1985	2053	1322	614	126	4	0	0	6104

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
75.9	0	1.6	9.2	15.4	21.3	32.0	40.3	50.4	59.1	91	17.2



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - C NO 58024 WESLEYVILLE GS TRAILER

MONTH - FEB 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1												-	DATA	INVALID	-											
2												-	DATA	INVALID	-											
3												-	DATA	INVALID	-											
4												-	DATA	INVALID	-											
5												-	DATA	INVALID	-											
6												-	DATA	INVALID	-											
7												-	DATA	INVALID	-											
8												-	DATA	INVALID	-											
9												-	DATA	INVALID	-											
10												-	DATA	INVALID	-											
11												-	DATA	INVALID	-											
12	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	47	45	38	35	33	33	30	29	44	***	
13	43	43	41	44	43	41	39	38	37	36	37	38	40	44	43	42	42	41	41	40	40	40	41	42		
14	42	42	41	41	41	40	40	38	38	39	40	41	42	43	43	44	44	44	44	44	44	44	44	44		
15	45	43	41	36	32	34	33	36	36	32	34	38	34	30	31	32	34	32	32	32	32	32	33	32		
16	32	30	29	28	28	31	33	34	38	40	42	46	52	57	57	57	58	56	53	49	44	41	41	42		
17	40	38	35	31	36	39	38	38	38	40	42	47	48	44	41	43	47	48	52	55	55	52	40	18	3	
18	13	6	1	0	0	0	0	1	2	4	6	9	7	10	8	8	12	17	19	18	19	20	22	25		
19	29	24	6	4	15	21	15	19	21	25	26	36	47	50	51	49	45	41	42	44	45	46	44	42		
20	39	36	33	31	23	24	44	46	44	47	47	33	38	40	43	45	47	45	38	29	22	18	11	17		
21	13	12	9	6	2	2	2	10	16	22	34	45	57	55	52	51	69	47	32	26	23	26	28	26		
22	18	16	18	16	16	13	7	7	12	18	33	40	40	39	33	31	27	18	10	9	1	14	21	15		
23	10	12	4	0	0	3	26	27	27	27	28	29	31	30	30	36	40	43	45	45	45	48	48	48		
24	47	44	46	48	48	48	43	35	29	28	29	34	34	29	27	27	28	30	26	19	34	34	23	13		
25	13	22	28	26	25	29	29	29	31	35	36	***	32	31	31	31	33	38	36	28	21	21	25	29		
26	24	31	35	3																						

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. - INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE - CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - C NO 58024 WESLEYVILLE GS TRAILER

MONTH - MAR 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	37	34	32	32	31	30	32	34	35	38	38	39	40	41	41	41	41	40	36	35	34	34	32	31	36
2	26	25	25	24	26	26	28	28	29	32	35	35	35	36	36	35	35	34	33	32	32	32	31	31	31
3	31	31	31	31	31	30	30	30	30	31	32	32	34	35	36	37	36	35	34	35	36	35	34	31	33
4	28	27	30	36	36	36	37	37	36	39	40	43	44	***	50	52	52	51	50	49	47	43	41	40	41
5	35	31	30	28	24	19	21	24	24	31	37	38	31	39	44	44	42	45	44	41	40	44	42	44	35
6	47	31	24	24	22	22	26	23	23	21	23	18	21	21	13	9	9	15	15	16	16	15	16	14	20
7	10	8	7	6	6	6	6	6	7	8	8	9	9	8	7	8	16	24	30	30	28	28	30	29	14
8	28	26	26	26	27	28	28	31	31	29	28	28	29	30	30	30	31	30	29	28	28	28	28	25	28
9	21	17	16	16	13	13	14	13	13	12	12	11	14	20	27	24	24	20	19	24	28	25	17	14	18
10	9	3	2	4	6	10	10	8	7	7	8	8	7	7	7	7	6	6	6	6	6	6	7	7	7
11	7	8	9	9	9	9	9	9	8	8	7	7	***	***	78	78	77	77	72	68	61	54	55	54	35
12	53	52	52	47	46	42	42	37	35	30	22	30	36	35	32	28	23	20	16	3	8	25	25	21	32
13	15	22	31	60	68	74	74	60	57	57	57	58	59	60	61	60	60	60	60	58	58	56	54	51	55
14	44	45	47	49	51	51	50	50	50	50	51	51	52	57	62	61	60	61	64	66	71	60	52	49	35
15	50	49	47	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49
16	18	6	5	10	10	26	30	31	38	38	39	40	42	42	43	44	42	40	37	36	32	27	26	25	41
17	65	58	55	47	43	40	39	39	38	28	34	37	41	47	49	46	43	42	40	39	36	34	31	30	35
18	31	27	27	30	32	32	31	27	24	22	18	***	35	35	37	40	39	42	42	42	47	44	42	39	32
19	25	23	23	23	25	24	22	22	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
20	39	42	43	43	45	47	51	53	56	55	52	50	51	53	53	51	50	52	54	50	52	51	50	49	50
21	46	46	46	46	45	45	44	45	45	46	48	50	51	52	51	52	52	52	46	47	51	47	44	48	48
22	48	48	49	49	51	51	50	49	47	46															

NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. - INDICATES DATA IS UNAVAILABLE

3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - C NO 58024

WESLEYVILLE GS TRAILER

MONTH - APR 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	35	33	34	34	33	35	35	35	35	35	36	36	38	39	42	41	39	39	40	39	39	37	36	35	37	
2	29	27	26	25	24	25	29	31	32	33	33	33	33	48	47	48	47	48	51	49	51	54	54	53	39	
3	53	54	55	54	55	56	55	49	44	47	50	52	54	54	52	51	50	49	48	48	46	46	47	47	51	
4	47	47	48	47	47	47	46	45	44	44	44	44	44	44	44	45	45	45	45	45	44	43	42	40	45	
5	40	40	39	39	39	40	40	40	41	42	43	44	44	44	46	47	48	50	49	49	47	46	45	44	44	
6	43	43	43	42	42	42	42	42	44	45	46	47	46	47	46	46	46	45	45	44	43	43	43	43	44	
7	42	41	41	41	42	43	43	42	42	42	45	47	50	51	53	53	52	52	52	51	51	49	47	45	47	
8	44	44	43	43	43	43	43	45	46	47	49	51	54	57	57	56	55	54	53	53	53	49	48	48	49	
9	47	49	49	49	51	51	50	50	51	52	53	54	56	58	61	61	60	59	56	54	54	53	51	51	53	
10	50	49	48	49	49	49	49	49	48	49	51	52	53	53	56	55	58	60	57	54	53	52	51	51	52	
11	49	49	49	48	47	44	43	45	47	46	48	49	***	61	63	65	62	61	60	57	56	55	55	54	53	
12	52	52	51	50	50	48	50	52	55	56	56	57	59	61	64	67	65	62	58	55	54	50	51	50	55	
13	54	52	51	51	51	50	50	53	56	58	58	59	61	62	63	63	64	63	59	54	52	52	53	53	56	
14	54	54	55	55	55	53	54	55	52	45	49	54	58	59	59	62	60	59	51	48	48	44	46	59	54	
15	57	56	52	54	52	51	47	51	54	57	60	62	66	68	68	64	62	59	51	47	55	62	60	59	57	
16	62	68	71	68	69	69	66	68	69	68	65	64	65	68	74	76	73	71	66	66	64	66	63	62	68	
17	64	65	66	67	66	66	66	67	66	64	66	66	67	69	65	65	61	62	60	54	47	40	42	39	61	
18	48	51	50	46	43	42	43	46	46	49	48	47	44	45	43	40	37	42	46	40	35	30	30	29	43	
19	31	35	40	32	35	43	46	38	32	36	40	43	38	38	33	39	44	46	43	40	35	31	32	31	38	
20	31	30	28	26	26	25	33	35	36	39	39	40	38	39	40	41	40	40	39	38	38	38	39	39	36	
21	39	38	38	39	41	42	42	44	44	45	44	43	45	45	45	45	45	44	42	41	40	39	38	38	42	
22	38	38	31	33	25	20	27	34	35	34	37	41	42	45	47	47	47	62	59	57	55	47	49	50	41	
23	46	37	36	31	39	40	44	49	59	80	90	91	87	88	89	88	84	80	79	69	57	57	60	58	64	
24	46	45	40	39	38	37	58	50	52	63	65	69	71	70	70	69	64	64	62	60	58	56	56	57	57	
25	52	50	49	47	45	44	46	44	44	44	44	43	44	43	42	43	28	29	31	29	36	35	35	35	41	
26	36	34	30	29	28	30	31	32	33	34	35	35	36	35	35	37	38	37	37	37	37	37	36	34	34	
27	33	31	31	31	32	34	36	41	40	38	38	38	39	40	41	39	38	37	34	31	30	29	32	33	35	
28	34	34	32	33	32	34	35	37	37	36	38	37	33	34	37	35	31	28	22	17	16	16	19	17	30	
29	12	13	15	12	11	13	17	19	24	33	33	34	36	35	37	35	35	35	33	36	31	26	22	19	26	
30	17	15	14	13	12	14	20	24	30	38	39	40	44	45	47	47	45	42	40	38	35	31	30	30	31	
MEAN	43	42	42	41	41	41	43	44	45	47	48	49	50	52	52	52	51	51	49	47	45	44	44	43	46	0

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - C NO 58024

WESLEYVILLE GS TRAILER

MONTH - MAY 75

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	28	26	24	25	25	24	24	24	24	25	****	****	****	63	62	60	55	47	43	38	45	43	41	38	37	
2	36	33	28	44	51	49	49	50	50	50	53	57	60	62	61	61	76	73	64	54	49	42	20	21	50	
3	38	38	37	30	25	25	29	28	52	58	63	64	66	74	81	81	81	80	87	76	66	65	59	62	57	
4	62	57	52	51	49	49	48	49	51	60	64	61	59	59	59	59	59	57	55	57	54	49	47	48	55	
5	47	47	47	47	45	45	45	43	43	43	43	43	43	45	49	54	56	56	52	48	45	41	34	35	46	
6	35	30	23	32	34	34	30	27	28	28	31	34	30	31	32	35	34	36	43	35	19	18	28	28	31	
7	26	29	33	31	34	34	34	34	39	42	44	45	44	46	49	48	46	47	39	43	42	40	33	33	39	
8	36	36	35	34	32	30	28	30	32	38	43	45	47	48	48	48	48	48	46	44	41	32	22	22	38	
9	30	27	26	28	36	27	25	29	32	38	39	39	42	45	43	****	61	60	57	40	43	50	47	45	40	
10	48	47	46	47	45	45	44	47	55	58	63	64	67	69	70	70	70	69	66	55	48	50	39	47	55	
11	51	44	44	43	37	42	41	26	44	41	54	71	82	86	94	95	90	91	88	73	74	71	66	58	63	
12	40	38	39	34	33	43	36	36	35	36	37	37	43	44	38	34	46	43	33	24	24	28	41	37	69	
13	36	27	25	36	39	37	36	37	40	49	56	61	61	63	68	70	70	66	62	59	57	59	54	52	51	
14	50	49	52	53	53	53	50	47	45	40	55	58	67	73	69	105	102	117	104	92	90	72	57	50	67	
15	49	46	44	42	32	29	31	30	48	62	74	69	69	69	74	69	69	72	75	69	62	64	64	66	57	
16	59	59	56	54	46	45	45	43	43	****	47	51	62	63	70	73	74	75	73	63	54	51	53	54	57	
17	53	51	46	45	43	40	36	37	45	56	65	69	70	70	82	95	83	82	80	73	69	60	59	53	61	
18	46	45	42	37	46	57	44	54	83	94	97	96	105	109	111	116	115	113	115	102	93	104	73	68	82	
19	47	43	38	52	29	47	45	48	53	62	82	89	105	98	112	127	140	141	125	118	95	81	69	43	79	
20	54	37	29	35	30	55	34	58	79	82	101	113	120	117	121	119	98	94	92	88	79	72	68	71	77	
21	70	60	67	64	72	69	62	57	63	70	85	92	84	80	95	122	137	139	96	91	86	63	69	72	82	
22	72	66	50	48	38	38	42	49	59	74	75	77	83	101	95	98	98	103	97	81	75	57	39	38	69	
23	36	20	54	64	66	59	54	57	64	73	75	90	93	103	102	106	107	103	96	85	75	61	51	49	73	
24	55	56	58	59	57	53	43	41	43	48	56	66	66	70	75	72	73	76	74	70	61	65	53	46	60	
25	47	52	53	36	38	34	40	43	50	57	63	63	65	57	63	69	76	68	59	55	47	37	34	29	51	
26	26	21	20	22	49	39	29	31	43	48	53	60	66	66	66	76	78	73	52	47	44	45	49	48	43	46
27	50	41	39	40	40	42	37	41	40	38	40	44	48	54	54	51	49	42	42	38	39	42	42	41	43	
28	42	41	41	40	38	36	33	32	35	40	40	45	49	49	50	53	47	44	45	41	36	32	30	27	40	
29	29	31	36	32	32	32	23	33	38	45	51	55	58	56	53	53	66	59	49	42	41	43	44	50	44	
30	62	54	48	42	39	35	30	42	45	40	34	37	46	60	69	59	49	54	65	54	47	41	45	40	47	
31	29	24	35	35	46	44	38	32	29	37	46	58	64	66	69	72	72	65	66	59	45	42	39	38	48	
MEAN	45	41	41	41	41	42	38	40	46	51	58	62	65	68	71	76	75	72	69	62	52	48	42	35	41	



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT											UNITS - PARTS/BILLION														MONTH - JUN 75					MEAN
	STATION - C NO 58024 WESLEYVILLE GS TRAILER																														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24							
1	42	42	44	43	39	47	45	38	40	42	41	44	45	44	45	48	48	46	45	43	38	33	30	28	42						
2	26	23	19	21	21	24	25	28	30	32	32	34	39	40	48	46	47	58	49	37	29	22	19	17	32						
3	14	13	17	31	41	33	31	43	48	47	47	46	46	45	47	46	46	46	43	36	31	24	24	24	36						
4	26	27	25	23	19	22	21	25	28	61	65	75	86	96	93	114	101	79	68	69	55	49	49	50	55						
5	42	34	31	36	43	45	44	45	43	45	44	44	42	43	43	39	37	30	39	41	37	34	28	18	39						
6	6	1	11	20	19	25	25	28	31	44	48	63	55	41	41	38	35	36	35	31	28	26	22	21	30						
7	22	22	22	22	20	18	19	18	18	19	24	31	36	34	33	31	29	28	26	25	23	20	17	18	24						
8	27	24	22	21	20	18	18	20	22	26	30	29	29	29	28	26	32	30	30	40	31	27	27	26	26						
9	24	22	20	21	22	15	18	20	26	29	34	38	40	40	40	39	39	38	39	35	25	26	19	19	29						
10	21	19	22	20	20	20	21	38	43	46	47	46	46	45	44	43	46	59	60	50	42	31	27	25	37						
11	27	25	24	22	25	24	20	31	48	47	58	74	***	88	90	92	87	82	73	59	50	46	42	40	51						
12	43	42	42	43	44	41	33	26	26	22	25	32	42	58	66	77	81	75	67	66	60	58	70	64	50						
13	56	50	50	47	44	38	48	47	48	47	43	48	53	52	44	44	35	37	32	22	8	6	6	5	38						
14	5	1	2	3	9	13	25	39	55	77	87	96	86	84	95	105	103	96	86	81	63	55	49	38	56						
15	40	37	35	40	39	36	48	49	48	51	64	71	81	94	105	98	93	91	89	89	77	72	63	61	65						
16	58	56	57	61	58	46	40	40	39	43	52	56	67	72	81	81	75	73	74	67	59	53	48	31	58						
17	27	19	14	14	13	17	25	32	53	63	75	92	89	91	95	102	110	109	100	98	91	84	71	63	64						
18	65	65	63	51	45	38	32	36	43	54	73	84	91	96	94	72	68	68	69	69	70	63	49	49	63						
19	46	44	42	41	35	28	37	39	41	52	51	45	51	57	57	56	56	56	54	50	48	42	41	41	46						
20	39	36	33	32	30	28	28	29	30	40	42	41	44	45	46	48	47	42	39	25	23	17	11	8	33						
21	9	13	16	19	18	16	17	34	42	50	54	60	63	72	74	69	67	66	65	64	57	43	30	30	44						
22	35	38	40	35	32	28	31	53	65	86	98	104	****	****	****	****	****	****	****	****	****	****	****	****	****						
23	49	59	57	55	58	66	55	53	57	73	95	****	****	****	****	****	****	****	****	****	****	****	****	****	****						
24												- DATA INVALID -																			
25												- DATA INVALID -																			
26												- DATA INVALID -																			
27												- DATA INVALID -																			
28												- DATA INVALID -																			
29												- DATA INVALID -																			
30												- DATA INVALID -																			
MEAN	33	31	31	31	31	30	31	35	40	48	53	57	57	60	62	63	61	59	56	52	45	40	35	32	44.4						

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT											UNITS - PARTS/BILLION														MEAN
	STATION - C NO 58024 WESLEYVILLE GS TRAILER											MONTH - JUL 75														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
1												- DATA	INVALID	-												
2												- DATA	INVALID	-												
3												- DATA	INVALID	-												
4												- DATA	INVALID	-												
5												- DATA	INVALID	-												
6												- DATA	INVALID	-												
7												- DATA	INVALID	-												
8												- DATA	INVALID	-												
9	***	***	***	***	***	***	***	***	***	***	***	***	34	35	37	39	40	43	41	36	21	16	15	***		
10	27	32	32	30	30	30	29	28	30	34	40	44	40	38	29	25	26	32	22	22	36	42	26	27	31	
11	18	27	25	23	26	22	17	18	24	24	26	28	31	33	34	34	42	46	47	40	35	21	8	7	27	
12	11	11	7	9	11	11	11	19	35	42	49	54	54	56	55	54	53	54	53	45	42	19	19	26	33	
13	27	30	34	32	37	41	45	51	50	54	58	61	62	60	64	62	62	62	58	58	46	40	38	41	49	
14	39	38	36	36	32	30	27	31	37	46	51	55	59	60	58	51	51	51	55	55	51	53	48	45	46	
15	39	31	29	29	24	21	21	27	33	36	49	62	65	63	66	70	67	68	69	61	62	45	31	27	46	
16	27	29	26	24	25	25	22	39	51	67	71	86	100	96	76	84	95	101	104	95	85	73	61	54	63	
17	45	43	39	36	28	20	17	28	59	60	59	72	79	77	78	100	109	115	94	82	65	57	58	54	61	
18	42	30	24	23	20	14	13	21	50	65	68	80	75	75	88	91	86	83	83	75	66	55	50	59	56	
19	57	59	51	37	39	35	26	30	29	30	32	30	44	54	60	65	60	59	50	42	37	35	37	31	43	
20	29	22	20	19	17	12	12	23	23	27	28	29	45	45	48	47	42	37	34	27	36	28	28	19	29	
21	15	14	12	12	15	17	16	19	30	28	34	35	38	***	78	88	91	67	45	40	37	34	31	28	36	
22	25	21	21	22	22	22	24	31	36	39	43	50	68	109	79	94	84	70	71	66	59	54	43	37	50	
23	36	30	26	22	29	18	27	45	48	53	70	93	105	110	105	110	102	106	91	84	66	49	37	30	57	
24	29	30	38	52	62	48	38	56	82	88	86	98	110	110	105	76	75	74	74	63	52	49	51	47	66	
25	38	20	34	26	20	20	23	34	34	36	37	35	33	34	35	36	34	33	32	31	27	23	22	22	30	
26	20	18	15	17	17	22	25	34	39	41	43	49	57	54	45	51	68	69	65	59	48	42	33	25	40	
27	19	14	8	14	10	12	17	29	44	57	55	72	87	99	101	103	105	72	70	60	51	47	38	29	51	
28	27	25	24	17	15	15	15	26	35	36	36	37	39	42	42	42	42	41	39	37	32	31	32	30	32	
29	23	24	21	22	21	18	12	21	29	35	42	44	44	53	45	52	40	38	36	31	31	28	20	21	31	
30	26	23	25	17	11	5	9	19	32	42	52	53	81	78	91	123	96	81	64	69	62	55	49	41	50	
31	29	16	19	15	25	29	30	56	66	65	88	111	150	178	198	207	191	180	161	137	122	105	90	72	98	
MEAN	29	27	26	24	24	22	22	31	41	45	50	56	64	70	70	74	72	69	63	57	51	44	38	34	46.2	



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT														UNITS - PARTS/BILLION												
STATION - C NO 58024 WESLEYVILLE GS TRAILER														MONTH - AUG 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	68	51	50	52	49	38	42	45	55	81	98	114	****	130	121	112	84	97	131	119	120	120	80	65	84	
2	72	45	46	58	60	52	48	63	70	80	96	103	127	122	128	158	147	130	116	109	82	87	87	44	89	
3	27	30	42	38	80	87	96	84	78	75	80	108	116	118	108	86	97	81	86	66	63	56	48	47	75	
4	38	56	55	48	47	43	45	47	51	46	49	46	47	49	47	47	49	50	49	73	60	48	25	19	47	
5	22	24	41	49	43	37	37	39	39	40	44	42	42	39	40	41	46	44	41	37	31	26	26	28	43	
6	28	29	27	27	26	22	21	23	28	28	28	33	33	36	37	38	38	36	32	30	30	29	26	23	30	
7	23	28	26	26	23	23	21	21	23	26	34	34	35	36	39	43	45	44	44	40	35	34	26	30	26	32
8	22	32	34	33	32	30	27	30	38	41	44	46	49	56	99	90	103	125	112	85	70	65	63	49	57	
9	35	45	49	48	48	34	42	69	81	75	82	103	129	137	142	138	136	135	128	118	103	108	101	106	91	
10	98	82	65	74	76	69	63	65	63	63	68	65	67	106	134	123	128	123	111	110	98	85	74	50	86	
11	52	49	60	66	49	38	44	58	60	67	77	80	85	106	116	113	106	83	69	59	46	38	35	35	66	
12	39	37	36	34	31	28	31	34	38	42	46	55	77	84	91	97	85	69	58	44	40	27	24	22	49	
13	27	24	19	16	12	13	18	35	50	49	40	56	75	89	89	87	89	88	88	71	59	66	61	49	53	
14	43	39	39	37	35	29	33	35	40	40	40	42	41	41	42	41	41	38	35	31	28	28	29	29	37	
15	27	25	25	24	22	15	18	25	30	35	38	40	39	42	38	39	38	30	23	17	13	9	11	13	27	
16	27	32	27	21	15	17	20	53	75	75	75	80	88	96	100	101	105	101	91	72	57	45	42	32	60	
17	38	30	28	26	22	21	34	71	84	90	104	101	110	107	99	110	112	88	78	60	46	39	35	34	65	
18	36	34	30	27	22	21	24	26	28	31	****	38	39	41	42	43	42	41	40	36	34	34	30	32	34	
19	31	28	26	27	23	14	22	28	35	42	45	52	49	49	47	46	49	43	38	34	31	31	33	33	36	
20	31	28	27	28	27	26	27	37	37	37	40	50	62	69	69	47	48	49	51	47	37	27	21	24	39	
21	26	23	21	18	16	14	17	16	24	48	53	58	57	40	48	66	63	66	54	38	34	19	19	14	36	
22	19	47	51	53	47	46	40	37	40	36	37	38	39	46	45	40	41	38	29	24	21	19	19	20	36	
23	21	17	17	19	17	16	19	27	35	41	44	47	46	49	46	47	41	38	33	31	46	48	36	26	34	
24	26	19	15	14	16	17	18	19	19	26	34	50	58	53	43	43	42	38	28	23	16	9	5	6	27	
25	3	1	1	8	25	26	26	29	39	49	77	91	110	104	91	82	82	75	70	62	51	42	35	40	51	
26	39	32	14	10	9	15	26	38	43	52	52	58	71	65	47	34	32	29	22	0	2	0	0	5	29	
27	2	19	20	17	21	30	32	35	39	****	37	34	35	34	35	39	39	38	36	31	30	28	26	22	30	
28	17	17	20	23	30	27	28	36	43	45	46	46	48	60	78	114	121	94	74	64	64	52	45	58	52	
29	60	52	39	36	36	36	34	32	27	36	41	38	45	57	58	58	60	58	55	52	57	55	42	37	46	
30	38	38	40	40	38	35	37	39	36	36	40	47	45	45	47	49	44	39	35	21	27	41	46	42	39	
31	36	35	32	30	28	27	27	28	31	34	39	43	46	48	51	51	50	48	46	46	40	38	39	39	39	
MEAN	35	34	33	33	33	30	33	40	45	49	54	59	64	70	72	72	71	66	61	53	47	43	38	34	48.7	

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT													UNITS - PARTS/BILLION												
STATION - C NO 58024 WESLEYVILLE GS TRAILER													MONTH - SEP 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	36	35	33	33	31	30	30	30	31	32	33	32	32	30	30	33	31	26	13	10	11	13	13	16	27
2	18	19	14	17	15	13	12	21	42	48	46	***	44	39	37	28	28	22	24	22	23	23	23	23	26
3	22	20	20	20	16	16	16	17	19	19	20	22	29	30	49	66	44	44	41	39	26	15	10	6	26
4	4	1	1	0	0	0	0	5	9	28	35	35	35	35	35	37	36	35	32	28	28	29	26	24	21
5	20	25	27	26	23	22	23	30	37	40	43	48	46	52	44	37	30	28	25	24	20	20	23	23	31
6	22	19	19	20	20	18	17	16	21	32	41	42	41	42	42	41	41	39	39	37	31	28	25	26	30
7	24	21	20	19	14	12	15	20	27	29	30	33	33	37	39	40	38	39	36	31	29	29	28	25	28
8	17	20	25	31	34	36	40	36	35	37	39	40	39	37	37	37	35	31	29	24	25	22	23	22	31
9	19	18	16	17	17	16	14	17	25	28	29	31	32	35	37	35	34	32	30	26	26	24	17	12	24
10	10	10	12	11	12	12	11	11	20	25	31	34	33	32	30	32	36	35	25	21	20	14	16	9	21
11	9	17	18	15	11	11	6	7	17	32	44	51	59	76	79	64	52	51	46	41	35	30	43	48	36
12	49	33	32	28	28	24	22	19	18	16	20	22	23	***	24	21	24	19	17	16	16	16	17	15	23
13	13	12	13	11	11	12	11	14	18	19	20	24	27	31	32	31	31	29	32	29	26	25	26	25	22
14	23	21	20	21	19	17	17	21	25	25	26	29	32	35	35	35	33	33	27	19	8	7	5	5	22
15	1	2	1	1	0	0	1	5	15	27	33	38	48	51	52	49	48	38	28	22	12	9	12	11	21
16	8	8	7	6	6	7	4	3	2	3	7	17	15	17	26	30	23	22	20	16	19	20	17	13	13
17	8	6	6	6	4	0	2	4	17	49	57	56	64	76	78	76	80	75	66	67	62	53	41	37	41
18	36	35	36	32	27	21	22	24	27	23	23	25	29	39	50	52	42	34	37	36	35	32	28	28	32
19	27	26	25	24	22	20	18	18	16	16	18	30	***	59	61	62	58	67	47	46	31	22	16	18	32
20	15	15	13	12	11	14	14	13	13	13	27	30	32	33	34	42	46	49	46	41	36	32	28	27	22
21	20	10	8	16	16	17	13	11	10	10	13	15	20	23	20	18	19	19	21	18	13	21	17	9	16
22	3	5	7	5	3	3	3	4	4	6	12	16	11	13	21	15	11	6	11	9	7	5	7	5	8
23	6	5	4	3	1	2	3	5	10	20	28	29	32	35	41	41	37	31	24	16	16	16	16	16	18
24	13	14	13	13	13	14	16	18	17	16	15	16	18	18	20	19	20	19	18	20	22	21	19	17	17
25	14	13	13	13	11	11	10	13	15	16	15	15	15	15	15	14	14	12	12	11	11	11	11	11	13
26	9	9	8	8	7	6	5	5	5	5	7	23	28	24	***	34	16	17	10	3	0	14	18	18	12
27	19	20	18	18	20	22																			
28	18	19	19	18	16	17	14	15	17	21	23	29	31	33	35	39	33	36	34	28	19	12	9	13	22
29	15	14	12	13	10	10	8	6	15	27	31	42	52	54	56	56	53	51	44	28	22	25	31	28	32
30	31	24	19	21	21	22	20	28	31	31	34	45	55	61	57	58	61	58	54	47	38	37	34	27	38
MEAN	18	17	16	16	15	14	14	15	19	24	27	31	34	37	39	39	36	34	30	26	23	21	21	19	24



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION													
STATION - C NO 58024 WESLEYVILLE GS TRAILER												MONTH - OCT 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	27	18	14	12	8	7	6	2	15	40	36	29	22	28	25	25	19	12	10	3	1	4	14	17	16
2	19	16	16	16	17	16	16	17	19	21	***	30	32	34	35	38	39	38	36	32	30	27	20	21	25
3	22	19	17	6	2	5	8	16	22	27	37	46	49	52	57	56	53	53	45	38	34	35	31	24	31
4	16	14	15	18	17	17	21	21	28	30	32	38	40	42	45	45	43	40	32	25	17	16	14	15	27
5	19	19	23	24	23	25	22	23	24	26	38	64	89	106	97	83	89	77	60	57	45	36	32	31	47
6	31	31	30	35	35	32	27	26	40	44	44	45	46	47	46	40	35	34	31	30	29	26	24	26	35
7	31	29	27	27	28	28	29	29	32	34	35	40	39	39	41	41	43	41	36	24	16	11	9	7	30
8	17	21	21	12	15	9	8	5	8	17	41	47	60	56	59	59	46	47	37	34	39	39	40	38	32
9	38	35	35	35	35	35	34	34	34	31	34	35	40	43	44	41	40	40	42	41	37	33	29	26	36
10	22	20	17	14	15	14	11	10	12	12	21	28	36	37	36	30	35	18	6	7	4	0	2	9	17
11	16	12	6	9	10	6	9	7	9	19	26	30	30	25	28	23	20	22	18	14	14	10	8	6	16
12	10	15	21	23	23	29	31	31	36	38	45	48	47	53	49	48	51	43	36	35	36	35	32	28	35
13	27	23	18	16	14	11	13	11	12	20	29	41	53	46	48	51	45	38	29	19	9	6	17	35	26
14	39	41	35	31	25	22	24	28	36	47	50	48	52	51	53	51	47	39	35	24	14	12	15	16	35
15	22	20	17	22	23	26	23	19	28	39	26	46	55	50	45	30	32	29	24	19	28	26	21	36	29
16	35	33	29	25	22	19	13	14	18	25	26	29	28	27	28	29	29	28	25	27	27	26	24	22	25
17	21	20	21	22	24	22	19	19	23	25	28	28	30	28	29	28	26	25	25	26	32	34	28	27	25
18	25	27	28	26	23	21	17	15	21	28	36	38	37	39	37	35	34	33	32	32	33	32	30	30	30
19	27	25	25	23	21	20	19	18	18	17	17	18	18	17	17	17	17	13	11	11	11	11	11	11	17
20	8	10	13	12	9	10	5	2	7	5	7	***	16	13	11	14	13	10	8	9	14	15	15	20	11
21	20	14	13	20	22	13	10	11	20	25	27	34	40	51	54	54	43	40	36	26	23	15	15	18	27
22	8	2	0	0	7	28	28	24	29	39	42	45	46	44	43	49	50	42	33	24	32	31	27	16	29
23	10	19	32	39	35	27	18	21	25	35	46	64	84	99	121	96	75	58	44	42	36	47	52	52	49
24	35	45	36	39	32	30	29	24	34	52	78	103	106	110	122	117	107	97	83	71	69	72	76	76	68
25	69	61	54	48	42	42	39	28	29	30	38	48	37	36	39	29	24	29	26	24	25	26	24	20	36
26	18	20	20	22	23	15	15	17	18	31	42	44	43	41	47	45	45	41	38	29	17	9	12	10	28
27	9	12	14	11	13	12	10	8	9	21	29	34	44	47	47	45	45	25	36	24	23	15	13	17	23
28	12	17	15	16	14	8	7	7	9	11	16	21	31	37	35	28	28	20	19	14	14	15	3	9	17
29	20	29	30	28	27	30	32	31	29	27	29	29	27	28	28	27	28	28	28	28	26	27	31	32	28
30	33	35	35	35	35	33	36	33	34	35	37	38	38	39	39	39	37	30	29	25	27	25	24	22	33
31	19	19	19	21	21	22	19	8	19	29	27	32	38	38	39	30	28	20	26	21	19	21	21	19	24
MEAN	23	23	22	22	21	20	19	18	22	28	34	41	44	45	47	43	41	36	31	27	25	24	23	24	29.4

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

		POLLUTANT - OZONE-CHEMILUMINESCENT										UNITS - PARTS/BILLION													
		STATION - C NO 58024 WESLEYVILLE GS TRAILER										MONTH - NOV 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	10	19	18	17	18	20	25	27	18	17	16	20	18	18	17	9	4	1	1	5	5	1	1	13
2	1	1	1	1	4	4	3	7	6	7	13	13	9	12	12	11	11	8	6	6	8	8	1	4	7
3	6	2	0	2	8	9	5	4	9	17	29	37	35	38	***	41	31	20	18	12	8	1	3	3	15
4	3	5	6	15	31	31	29	31	34	37	42	44	45	47	48	48	43	20	5	14	15	26	27	18	28
5	10	14	41	45	45	44	43	41	39	42	44	45	46	48	48	49	44	29	21	16	13	18	18	17	34
6	20	19	16	6	4	4	3	4	22	32	20	31	30	18	14	15	19	18	13	6	0	0	0	0	13
7	0	0	0	0	6	11	10	10	11	9	13	29	45	40	35	18	14	21	24	25	23	21	17	18	17
8	23	22	20	18	18	18	18	21	24	25	23	16	20	28	31	47	47	41	38	35	36	31	27	27	33
9	18	19	15	17	19	28	27	21	21	28	34	34	38	46	54	54	53	37	34	38	42	43	38	35	33
10	32	31	28	28	32	36	38	41	41	29	25	30	34	42	32	29	29	30	36	37	36	34	38	38	34
11	36	36	35	30	25	24	26	25	26	29	38	39	39	39	34	33	33	23	17	10	11	5	7	11	26
12	10	14	20	22	20	19	19	17	16	17	18	14	12	9	10	9	2	1	0	0	0	2	6	7	11
13	17	27	25	20	16	15	11	8	11	15	20	26	27	31	28	27	24	21	25	31	35	37	36	37	24
14	37	38	38	39	40	40	39	39	39	41	41	41	39	40	41	41	40	39	39	39	38	40	38	37	39
15	40	38	38	39	34	28	27	26	22	18	18	19	21	20	27	28	26	27	28	24	19	20	17	13	26
16	7	1	7	9	29	29	28	29	29	34	34	36	37	37	37	36	28	5	0	3	4	7	5	2	20
17	1	0	0	0	0	0	0	0	3	5	8	15	22	29	30	44	50	38	30	35	32	22	14	13	16
18	17	18	18	10	3	9	13	24	23	29	34	41	39	45	39	32	28	20	19	18	17	12	12	9	22
19	9	15	14	9	9	8	15	18	19	19	22	***	35	34	28	25	7	1	2	2	4	11	11	11	14
20	12	11	9	7	4	3	3	5	9	10	13	15	19	18	26	29	27	15	12	15	19	22	20	17	14
21	16	14	18	18	15	14	19	19	21	19	8	9	19	26	11	10	21	17	4	12	5	2	0	0	13
22	0	0	7	21	25	28	31	34	35	38	38	39	40	39	40	40	38	36	32	31	30	19	12	9	28
23	14	14	24	31	32	31	31	35	35	34	34	35	37	36	36	34	32	28	27	26	28	29	25	27	30
24	26	28	30	29	30	30	30	27	27	28	30	30	28	27	25	25	24	22	23	24	23	22	27	25	27
25	24	23	22	23	27	27	26	25	31	33	34	31	31	30	28	31	30	29	29	32	34	33	30	31	29
26	33	34	34	34	34	31	30	28	27	29	30	30	32	33	30	30	28	27	28	30	29	28	27	25	30
27	19	17	14	15	16	17	13	22	22	26	37	30	19	14	10	10	9	9	9	9	9	8	8	15	
28	9	11	19	24	24	24	24	23	26	28	30	33	32	33	32	31	30	33	31	32	29	27	22	26	
29	20	18	19	17	21	18	22	24	29	36	45	44	43	42	42	42	39	39	37	34	28	24	22	23	30
30	24	23	24	29	30	31	30	29	34	34	35	43	46	45	44	44	43	42	43	42	41	40	36	35	36
MEAN	17	17	19	19	21	21	21	22	24	25	27	29	31	32	31	31	29	23	21	21	21	20	18	17	23 2



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT														UNITS - PARTS/BILLION											
STATION - C NO 58024 WESLEYVILLE GS TRAILER														MONTH - DEC 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	40	39	39	37	40	36	34	31	27	30	30	33	34	****	****	****	****	****	****	****	****	****	****	****	****
2													- DATA INVALID -												
3													- DATA INVALID -												
4													- DATA INVALID -												
5													- DATA INVALID -												
6													- DATA INVALID -												
7													- DATA INVALID -												
8													- DATA INVALID -												
9													- DATA INVALID -												
10	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	29	41	41	35	28	30	25	11	0	1
11	1	2	10	11	10	24	45	42	39	34	41	45	46	47	48	48	45	45	44	41	38	36	34	38	34
12	37	38	32	31	31	26	30	31	34	36	38	38	40	43	43	41	40	38	38	39	40	40	40	40	37
13	41	41	40	35	37	37	37	36	35	34	32	31	30	25	20	17	11	5	3	2	2	2	1	1	23
14	2	2	2	2	2	2	3	5	10	14	22	19	19	29	35	36	40	35	36	36	36	33	34	32	20
15	35	35	29	26	21	25	30	31	21	11	10	13	17	24	26	27	29	29	31	31	34	34	34	33	27
16	32	32	32	32	33	31	30	31	31	31	31	31	32	33	30	29	27	23	19	20	23	25	26	26	29
17	27	23	22	19	20	20	18	10	8	10	11	12	15	29	35	36	36	34	33	30	29	27	27	25	23
18	22	24	22	21	24	31	31	34	36	38	40	41	41	41	41	40	39	37	36	37	36	37	36	36	34
19	35	32	35	36	34	33	33	31	30	31	31	32	36	37	37	37	39	34	35	35	32	30	31	31	34
20	28	31	34	34	35	35	36	36	36	36	35	32	32	34	35	37	37	36	33	32	35	37	37	36	35
21	37	35	36	36	34	33	34	32	33	33	33	33	32	34	35	35	32	31	29	27	27	27	27	25	32
22	22	26	24	24	27	28	25	26	25	27	30	30	25	26	27	6	1	1	8	15	15	9	15	26	20
23	27	25	26	28	28	27	26	27	28	30	35	37	39	38	38	39	39	38	35	34	34	32	31	31	32
24	32	34	34	34	31	30	26	26	26	27	29	33	36	32	30	30	29	26	28	29	30	30	28	25	30
25	25	24	23	21	24	26	26	29	31	31	32	32	32	31	29	28	27	26	25	24	23	22	20	20	26
26	18	15	13	13	12	11	11	11	11	14	18	21	23	26	26	26	24	22	22	23	21	20	18	16	19
27	15	16	16	18	20	22	25	24	23	22	23	25	29	32	34	35	35	34	31	30	29	30	30	30	26
28	30	28	27	27	26	26	24	25	26	25	27	32	38	36	34	20	13	4	5	4	3	2	4	4	20
29	9	5	3	3	2	1	8	8	12	14	16	18	22	25	27	22	15	11	14	11	9	8	7	12	12
30	18	22	13	14	13	59	4	5	40	19	38	19	17	15	16	14	17	12	11	3	2	2	0	19	16
31	74	43	45	50	84	96	72	49	21	28	32	34	37	38	39	38	36	34	29	25	28	32	32	31	43
MEAN	28	26	25	25	27	30	28	26	27	26	29	29	31	32	33	31	30	27	26	26	25	24	23	24	27

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - C NO 58024 WESLEYVILLE GS TRAILER

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB	16	32.2	42	69
MAR	31	35.5	55	78
APR	30	46.0	68	91
MAY	31	54.3	82	141
JUN	21	44.4	65	114
JUL	22	46.2	98	207
AUG	31	48.7	91	158
SEP	30	24.3	41	80
OCT	31	29.4	68	122
NOV	30	23.2	39	54
DEC	21	27.4	43	96
YEAR	294	37.6	98	207

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - C NO 58024 WESLEYVILLE GS TRAILER

MONTH	00 TO 10	11 TO 20	21 TO 30	31 TO 50	51 TO 80	81 TO 100	101 TO 150	151 & OVER	TOTAL
JAN		DATA UNAVAILABLE							
FEB	34	44	67	230	17	0	0	0	392
MAR	65	39	129	405	102	0	0	0	740
APR	0	22	35	420	234	7	0	0	718
MAY	0	5	64	325	259	49	36	0	738
JUN	13	49	97	213	104	41	9	0	526
JUL	8	59	115	170	126	34	21	6	539
AUG	16	50	131	315	119	49	60	1	741
SEP	100	246	158	170	42	0	0	0	716
OCT	70	165	214	236	40	9	8	0	742
NOV	146	159	190	220	3	0	0	0	718
DEC	55	68	160	239	3	2	0	0	527
YEAR	507	906	1360	2943	1049	191	134	7	7097

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
88.5	0	13.0	26.0	34.6	43.4	62.5	77.7	99.8	110.7	207	37.6



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION													
STATION -		NO 58025 NATURAL RESOURCES BLDG ORONO										MONTH - MAY 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA INVALID -												
2													- DATA INVALID -												
3													- DATA INVALID -												
4													- DATA INVALID -												
5													- DATA INVALID -												
6													- DATA INVALID -												
7													- DATA INVALID -												
8													- DATA INVALID -												
9													- DATA INVALID -												
10													- DATA INVALID -												
11													- DATA INVALID -												
12													- DATA INVALID -												
13													- DATA INVALID -												
14													- DATA INVALID -												
15													- DATA INVALID -												
16	***	***	***	***	***	***	***	***	***	***	***	***	- DATA INVALID -												
17	51	44	40	30	18	7	16	39	48	51	65	71	51	59	64	70	74	74	66	55	48	44	49	54	59
18	48	29	30	48	43	40	46	54	78	92	97	95	102	108	114	117	115	114	116	70	72	71	76	66	71
19	23	25	16	11	27	40	58	57	55	59	73	84	91	94	108	126	122	119	113	92	58	27	22	8	63
20	18	33	53	38	39	18	29	50	68	79	97	110	106	111	118	109	107	103	97	82	59	48	31	23	68
21	30	46	41	44	56	57	52	38	48	68	87	83	79	90	123	139	145	108	89	56	19	54	69	67	70
22	54	27	23	23	25	34	41	50	64	73	48	77	95	102	105	99	111	96	68	39	14	9	2	0	53
23	8	35	54	65	67	58	57	44	39	59	91	***	93	92	97	106	112	97	104	90	44	24	18	31	65
24	24	40	48	44	35	44	39	39	42	45	58	58	64	73	73	70	74	88	89	81	61	73	44	46	56
25	65	62	56	54	52	48	44	42	41	50	56	58	65	69	72	77	90	89	76	64	68	79	70	53	63
26	39	36	20	46	50	34	15	33	39	52	59	70	76	92	92	93	78	62	57	47	42	49	54	41	53
27	47	35	32	30	34	31	34	45	41	44	47	54	59	65	67	63	57	51	49	44	44	45	45	44	46
28	44	44	44	42	38	37	35	34	35	40	36	53	58	55	56	59	53	52	51	42	33	31	32	30	43
29	32	33	31	32	31	20	19	18	27	37	49	60	61	61	63	62	63	72	59	47	46	45	49	51	45
30	66	60	53	45	42	37	31	26	31	31	30	31	41	54	56	62	58	51	58	60	46	34	32	26	44
31	19	13	41	42	46	44	38	32	32	37	52	64	71	75	78	83	82	75	72	58	48	45	43	41	51
MEAN	38	37	39	40	40	37	37	40	46	54	63	68	74	79	86	90	89	83	78	64	47	45	41	38	56.7

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
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3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT													UNITS - PARTS/BILLION												
STATION - NO 58025 NATURAL RESOURCES BLDG ORONO													MONTH - JUN 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	44	45	50	46	39	44	41	43	44	44	46	49	50	51	52	56	55	54	51	47	39	31	27	29	45
2	27	23	20	16	14	16	23	26	31	36	32	39	44	50	52	52	52	56	53	48	34	10	1	13	31
3	15	27	24	29	29	30	38	46	49	54	55	53	53	54	54	54	55	51	46	36	22	10	11	20	38
4	22	16	15	3	9	20	13	13	47	69	69	98	110	109	139	126	98	91	81	69	40	43	49	46	58
5	42	34	38	48	49	45	49	46	47	47	48	47	44	42	40	37	35	29	36	19	15	10	5	1	36
6	0	0	1	4	8	8	9	27	42	42	51	53	46	46	46	42	39	37	35	31	29	25	24	22	28
7	21	22	21	20	17	16	18	19	20	25	30	38	39	39	37	34	33	31	29	27	24	20	15	13	25
8	21	28	23	21	17	17	19	21	25	30	34	30	32	32	34	36	36	35	37	39	28	21	27	25	28
9	22	20	20	12	8	6	19	24	30	31	38	43	43	45	48	46	44	41	39	38	32	20	12	11	29
10	11	10	11	14	13	20	31	44	49	47	49	53	54	51	51	57	63	76	70	48	17	25	32	38	39
11	26	24	29	30	34	36	36	39	44	57	73	85	114	104	101	101	95	91	75	52	46	44	43	41	59
12	41	40	39	41	39	34	24	20	21	21	22	35	50	55	57	***	72	72	66	62	52	50	66	52	45
13	47	37	35	28	25	25	38	40	40	42	38	42	41	41	41	43	36	38	40	22	0	0	0	0	31
14	0	0	15	20	16	26	37	41	50	76	95	89	92	98	110	118	124	122	107	72	52	78	69	83	66
15	52	54	63	58	57	48	50	44	45	51	70	83	92	110	116	119	115	108	103	95	80	84	54	59	75
16	55	51	56	57	59	45	37	37	39	43	49	60	72	83	87	86	82	81	78	64	37	19	14	9	54
17	3	8	5	5	15	14	37	41	57	75	93	113	134	137	146	126	121	124	124	117	113	95	81	75	77
18	69	65	63	56	39	27	28	37	42	62	81	94	109	110	101	82	81	83	78	81	75	61	51	39	67
19	47	53	50	36	17	18	22	41	42	52	51	46	60	66	67	66	66	67	61	57	52	47	43	43	49
20	43	41	34	30	28	30	30	32	33	36	39	44	47	47	46	47	42	44	42	26	8	0	0	0	32
21	0	0	1	4	7	7	19	31	42	52	60	66	***	***	***	***	***	***	***	***	***	***	***	***	***
22	35	42	34	31	21	22	24	62	69	76	89	100	***	***	***	***	***	***	***	***	***	***	***	***	***
23														- DATA INVALID -											
24														- DATA INVALID -											
25														- DATA INVALID -											
26														- DATA INVALID -											
27														- DATA INVALID -											
28														- DATA INVALID -											
29														- DATA INVALID -											
30														- DATA INVALID -											
MEAN	29	29	29	28	25	25	29	35	41	49	55	62	66	68	71	71	67	67	63	53	40	35	31	31	45.3

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
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3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION													
STATION - NO 58025 NATURAL RESOURCES BLDG ORONO												MONTH - JUL 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA INVALID -												
2													- DATA INVALID -												
3													- DATA INVALID -												
4													- DATA INVALID -												
5													- DATA INVALID -												
6													- DATA INVALID -												
7													- DATA INVALID -												
8													- DATA INVALID -												
9													- DATA INVALID -												
10	26	34	34	34	32	30	27	24	31	34	35	46	49	46	27	48	50	69	46	40	18	8	0	4	33
11	25	28	20	23	27	16	10	15	24	26	30	27	34	32	33	36	45	50	50	40	20	0	0	3	26
12	4	0	0	9	9	14	20	28	36	48	52	64	66	72	69	71	69	67	62	52	32	17	29	38	39
13	57	56	54	52	47	47	52	54	59	63	70	76	79	88	89	88	79	76	76	73	65	57	50	47	65
14	48	46	43	40	36	30	28	34	51	51	62	74	74	73	64	64	69	66	68	66	61	63	53	45	55
15	42	43	34	29	18	8	6	16	39	42	52	76	78	87	91	94	88	84	81	84	61	29	34	39	52
16	38	24	24	25	25	23	18	43	60	80	89	108	122	120	112	130	134	137	138	137	102	51	25	22	74
17	28	24	16	10	1	2	3	26	54	85	114	110	108	118	147	142	126	124	125	115	73	71	67	77	69
18	9	0	2	2	2	2	20	57	74	88	115	108	118	147	142	126	124	125	115	73	71	67	77	69	
19	60	74	58	38	33	38	36	39	37	39	41	42	59	66	80	92	88	85	72	60	46	40	51	40	55
20	33	23	20	20	17	11	15	18	24	24	27	25	41	54	58	56	44	53	38	25	21	18	16	17	29
21	13	7	8	7	7	10	10	15	32	35	38	39	52	56	66	67	65	39	36	30	25	23	21	18	30
22	13	12	12	12	13	9	16	21	26	30	33	37	57	84	62	78	66	56	53	48	38	29	30	20	36
23	15	6	0	0	0	0	2	13	30	33	35	38	55	73	91	97	96	78	63	42	16	1	9	13	34
24	26	53	60	49	44	39	27	33	53	66	57	65	80	87	80	59	60	60	57	48	36	17	24	19	50
25	13	19	20	19	15	14	17	23	25	27	29	28	29	29	29	28	27	26	25	23	24	19	14	6	22
26	7	8	10	8	6	6	8	14	27	29	32	37	44	39	35	39	53	51	48	39	26	18	15	8	25
27	0	0	0	3	3	0	5	19	33	50	54	60	65	66	72	77	77	51	36	23	26	17	14	33	
28	9	2	5	2	0	0	1	4	8	24	27	29	29	31	34	35	32	32	30	27	24	20	21	18	19
29	16	13	11	10	14	6	4	15	21	21	25	30	32	39	39	35	32	30	27	20	3	0	0	2	19
30	6	1	2	1	0	0	0	6	15	26	42	48	64	63	77	82	74	65	58	49	37	25	22	15	32
31	3	0	0	0	0	0	2	12	16	19	50	74	122	163	179	182	173	162	138	89	65	25	5	5	62
MEAN	22	22	20	18	16	14	14	22	34	42	49	57	64	70	72	74	72	68	62	53	39	28	24	22	40.6

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION												
	STATION -		NO 58025		NATURAL RESOURCES BLDG ORONO								MONTH - AUG 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	13	25	19	16	20	21	21	33	62	69	84	95	****	104	90	52	90	124	117	74	42	14	0	52
2	0	10	3	5	10	22	14	16	50	55	58	79	95	94	98	119	123	115	105	64	42	24	7	23	51
3	28	24	27	29	47	58	66	55	55	42	41	70	88	94	88	70	80	70	51	40	32	28	20	14	51
4	16	13	19	27	30	29	39	34	37	34	34	34	35	37	38	37	39	41	43	52	31	3	6	4	30
5	12	13	14	32	30	25	23	25	26	26	29	31	30	30	30	36	36	36	34	29	24	24	20	21	27
6	22	22	23	24	21	18	14	14	17	20	19	21	24	26	26	30	29	29	24	23	17	13	11	12	21
7	9	14	17	17	16	15	14	15	14	20	23	25	26	29	30	35	36	34	31	27	23	18	18	15	22
8	10	18	23	24	23	23	22	23	27	28	32	35	37	42	73	70	80	110	83	75	41	14	16	18	39
9	10	7	17	11	15	20	19	28	39	48	53	65	104	116	114	110	107	101	93	86	76	79	77	57	61
10	56	32	15	16	14	17	19	31	50	49	52	66	52	88	107	102	103	93	87	85	74	48	22	2	53
11	0	2	9	****	47	25	16	12	32	39	43	48	47	61	82	98	73	54	42	17	8	9	14	15	34
12	14	9	15	17	17	18	21	20	24	28	33	41	57	63	95	91	63	56	37	7	0	0	0	0	30
13	5	5	5	3	16	13	18	28	33	26	19	39	53	63	65	68	65	68	62	38	19	32	45	39	34
14	31	26	25	21	15	15	16	21	25	27	29	30	30	30	30	30	29	26	21	18	16	16	17	19	24
15	18	17	17	16	6	0	2	7	16	22	22	22	28	****	26	28	28	23	9	0	10	6	11	21	15
16	34	30	28	25	24	19	21	26	39	56	57	59	65	70	74	80	82	79	64	45	27	18	15	18	44
17	18	8	14	16	19	14	16	42	54	61	71	74	90	94	86	76	84	86	70	61	52	40	31	26	50
18	25	22	20	16	10	9	7	14	17	20	23	25	29	30	31	32	31	29	27	25	22	16	10	13	21
19	15	13	12	10	4	3	6	13	16	23	25	31	33	34	35	31	31	28	26	20	13	10	18	20	20
20	20	17	14	12	15	13	16	21	24	25	27	33	40	51	48	38	39	39	32	19	3	1	0	6	23
21	12	8	4	9	9	3	9	8	9	22	34	37	35	28	31	44	41	38	29	24	16	6	14	3	20
22	1	6	24	38	30	29	26	26	25	26	25	25	27	28	31	33	32	26	16	9	4	0	0	0	20
23	0	15	17	16	15	17	19	21	26	34	36	35	35	35	35	43	37	30	28	28	34	30	17	18	25
24	16	15	9	9	10	9	9	8	11	13	18	24	31	27	23	25	27	23	14	3	0	0	0	0	14
25	2	0	3	7	14	13	11	12	18	27	41	52	61	67	62	64	66	61	55	47	30	20	9	13	31
26	11	5	1	0	0	0	7	13	24	30	35	40	62	53	39	30	27	20	23	18	6	2	0	0	19
27	0	1	1	1	3	8	19	22	26	29	27	****	24	27	29	30	31	31	28	21	20	17	14	8	18
28	7	9	14	17	19	17	14	17	25	31	31	35	39	47	61	110	96	81	46	9	16	4	13	16	32
29	28	42	40	40	37	38	36	34	28	26	28	29	31	42	42	38	41	41	41	39	39	41	39	29	36
30	27	28	30	32	32	30	28	29	29	28	30	35	38	39	38	40	39	32	19	9	2	18	32	34	29
31	31	27	25	25	22	20	19	21	21	23	26	28	33	37	38	41	40	39	36	36	31	25	26	27	29
MEAN	16	15	16	18	19	18	19	22	28	32	35	42	48	51	55	57	54	53	45	35	26	19	17	16	31.5



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT													UNITS - PARTS/BILLION													
STATION -			NO 58025 NATURAL RESOURCES BLDG ORONO										MONTH - SEP 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	26	26	25	24	24	23	21	20	20	21	20	21	22	22	18	21	23	20	17	10	7	7	7	8	19	
2	7	7	8	9	6	3	3	3	15	34	37	37	34	32	29	24	22	20	19	17	17	15	10	9	17	
3	9	8	7	9	10	9	6	9	12	13	15	17	19	30	48	40	35	32	28	10	1	1	1	1	15	
4	0	0	0	0	0	0	1	4	12	22	26	27	26	26	26	28	28	27	23	18	16	18	15	3	14	
5	2	8	13	16	14	7	6	8	19	26	27	30	37	36	31	23	16	13	11	14	13	17	18	19	18	
6	20	20	21	19	18	15	13	11	15	24	30	32	32	32	32	32	30	27	25	21	20	15	15	23	23	
7	15	12	10	9	7	10	16	17	19	23	23	25	27	29	34	35	31	29	25	21	24	23	21	22	21	
8	16	8	9	16	15	15	21	17	20	24	30	30	29	28	29	28	26	24	20	16	17	16	16	17	20	
9	15	13	14	13	9	7	6	10	13	19	21	22	22	24	25	26	24	23	21	18	12	3	0	3	15	
10	3	9	9	12	10	4	1	6	12	17	19	19	19	19	20	21	22	17	10	5	1	10	16	17	12	
11	14	11	7	4	4	1	1	5	11	21	28	36	49	57	49	37	31	27	27	24	21	19	31	32	23	
12	32	21	22	21	19	16	14	11	10	11	12	14	16	13	***	16	16	14	13	11	10	10	9	8	13	
13	6	5	3	2	4	2	6	8	12	12	15	11	15	20	22	24	23	22	22	16	15	11	12	12	15	
14	11	11	7	11	12	12	12	15	16	14	15	16	14	15	21	24	22	24	21	15	2	0	0	0	12	
15	0	0	0	0	0	0	0	0	7	12	12	20	24	26	30	35	34	28	21	11	2	3	0	2	11	
16	7	10	7	2	3	1	0	0	1	2	5	3	7	7	10	10	14	10	5	3	3	5	3	2	5	
17	3	2	0	0	0	0	0	0	6	23	37	40	49	60	58	58	58	55	46	46	44	41	36	35	29	
18	31	31	30	28	26	23	22	21	17	17	15	16	20	22	29	38	35	27	24	27	26	25	23	22	25	
19	20	18	18	18	16	15	11	9	9	7	9	16	27	***	53	62	62	58	32	14	29	44	43	33	27	
20	26	25	19	16	16	11	5	4	9	27	30	32	31	36	41	46	46	42	30	9	6	14	7	0	22	
21	0	0	2	7	5	9	6	7	7	8	10	14	20	23	18	16	18	18	22	17	17	18	14	7	12	
22	4	7	6	5	3	0	0	2	1	3	7	12	11	19	19	14	9	11	9	7	11	14	6	5	8	
23	0	0	0	0	0	0	0	1	9	20	21	20	34	37	40	39	37	27	9	11	15	18	17	17	16	
24	14	14	15	15	15	15	15	15	16	16	16	16	17	20	20	21	22	20	17	20	21	22	22	22	18	
25	17	16	16	16	15	14	12	14	16	18	15	17	17	17	16	14	14	13	11	11	11	11	11	14	14	
26	9	8	6	5	3	1	1	4	5	4	13	20	26	17	24	20	17	13	5	0	3	13	13	15	10	
27	16	15	15	18	17	13	13	13	15	15	15	16	17	18	19	18	20	20	19	17	9	8	7	8	15	
28	13	13	14	12	9	13	13	15	20	23	27	32	37	37	38	41	43	35	15	2	6	3	9	13	20	
29	13	12	13	7	6	2	0	3	24	31	27	39	***	60	63	63	62	53	32	48	52	54	51	46	33	
30	36	30	21	16	23	15	9	12	35	34	38	45	55	63	53	57	54	53	47	40	42	36	14	2	35	
MEAN	13	12	11	11	10	9	8	9	13	18	20	23	26	29	32	31	30	27	21	16	16	17	15	14	17	9

NOTES 1 \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2 - INDICATES DATA IS UNAVAILABLE  
 3 \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT													UNITS - PARTS/BILLION													
STATION - NO 58025 NATURAL RESOURCES BLDG ORONO													MONTH - OCT 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	3	5	4	5	4	0	0	4	12	9	23	17	14	18	16	16	11	7	5	1	1	6	15	13	9	
2	14	13	16	15	15	16	16	17	18	21	22	24	***	35	38	40	40	40	37	29	24	15	10	3	23	
3	7	16	17	10	5	2	4	6	12	16	27	37	44	48	52	54	52	50	46	31	26	34	21	3	26	
4	1	1	1	1	2	3	7	8	27	30	29	35	43	47	51	47	45	35	16	9	8	13	17	22	21	
5	28	30	22	26	24	26	16	9	11	20	30	63	105	135	117	103	97	78	49	18	39	26	15	22	46	
6	24	27	30	31	32	27	19	22	39	46	47	47	48	49	47	37	38	33	26	24	20	23	21	20	32	
7	22	13	19	19	28	29	23	26	37	36	37	38	39	42	44	44	31	35	16	0	0	2	1	1	24	
8	12	4	4	4	7	0	0	1	7	20	26	36	51	52	57	54	46	45	48	44	39	40	41	40	28	
9	39	36	35	36	35	35	32	32	32	33	34	36	38	44	44	42	42	41	41	34	29	27	24	36	36	
10	21	15	15	12	12	8	8	4	5	7	11	14	23	25	19	17	21	15	2	2	0	0	14	11	11	
11	24	22	16	13	11	7	5	2	8	16	27	26	28	24	24	20	23	19	11	3	0	0	0	2	14	
12	10	14	17	17	21	23	25	26	28	33	39	46	48	49	48	49	46	32	33	31	25	32	30	22	31	
13	25	22	12	14	12	9	6	5	3	13	24	33	41	39	41	39	37	28	13	0	0	0	0	10	18	
14	22	29	27	28	26	21	19	15	31	44	46	37	45	51	51	50	43	29	13	26	29	23	23	13	31	
15	9	11	13	9	14	6	0	0	14	21	11	38	47	47	34	22	14	20	6	10	22	15	11	33	18	
16	30	31	26	21	19	18	11	11	14	24	22	24	25	25	26	25	26	26	24	*****	*****	*****	*****	*****	23	
17																										
18																										
19																										
20	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	12	12	6	4	7	16	12	10	11	*****	
21	11	10	11	12	6	3	5	6	9	14	19	27	30	43	49	51	41	31	16	15	11	3	0	0	18	
22	****	****	****	****	****	****	****	****	11	13	30	40	42	38	40	48	48	24	0	28	34	34	*****	23	31	
23	27	34	37	38	36	27	23	20	22	33	49	66	78	96	93	93	85	37	50	74	71	76	80	71	55	
24																										
25																										
26																										
27	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	9	18	19	11	2	4	2	2	1	2	*****
28	2	2	0	0	0	0	1	3	5	9	14	18	18	16	15	13	13	11	4	10	9	4	1	3	7	
29	12	19	20	18	18	20	19	19	17	16	18	17	17	18	19	19	19	19	19	15	16	17	19	20	18	
30	21	20	20	20	20	19	20	20	19	20	22	22	22	24	23	24	23	16	3	5	11	13	4	5	17	
31	13	10	11	12	16	14	7	15	16	17	14	14	21	21	21	20	15	8	5	5	7	11	8	6	13	
MEAN	17	17	17	16	17	14	12	12	17	23	27	33	40	41	41	38	35	27	20	18	19	18	15	16	23	



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT													UNITS - PARTS/BILLION												
STATION -			NO 58025 NATURAL RESOURCES BLDG ORONO										MONTH - NOV 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	8	8	8	8	8	9	13	11	6	7	10	13	13	7	1	0	0	0	4	4	1	0	6
2	0	0	0	0	0	1	0	1	0	2	3	6	4	6	5	4	2	4	2	0	0	2	0	0	2
3	0	0	0	0	0	2	0	0	3	8	16	22	17	20	23	21	18	12	11	9	2	1	0	0	8
4	0	1	3	8	17	13	15	15	17	20	24	27	29	29	30	29	25	10	2	6	4	9	11	8	15
5	4	0	0	18	24	22	20	16	13	23	26	27	29	30	31	20	11	0	0	0	0	0	0	1	14
6	0	0	0	0	0	3	5	8	9	13	16	13	7	5	6	6	2	0	0	0	0	0	0	0	4
7	0	0	0	1	1	3	5	3	4	6	13	18	12	16	15	10	3	6	5	4	6	5	4	6	11
8	5	6	5	5	4	5	5	7	8	8	10	10	14	15	21	29	28	23	12	10	7	6	5	6	9
9	10	16	2	5	9	12	7	13	18	19	20	20	22	25	27	28	25	22	20	24	26	22	20	19	18
10	18	18	16	15	18	21	20	21	22	17	17	18	22	21	18	17	16	18	20	21	22	23	25	24	20
11	23	22	21	18	15	13	15	13	14	16	23	23	23	19	18	18	13	4	0	0	0	0	0	0	13
12	8	12	12	12	11	9	8	8	9	9	7	5	4	3	2	0	0	0	0	0	0	1	6	6	6
13	14	13	8	7	7	5	2	2	3	6	10	13	14	15	13	11	11	12	16	18	19	19	19	12	12
14	20	20	20	20	20	20	20	20	20	19	19	20	21	20	21	20	20	20	20	20	20	20	21	20	20
15	20	18	16	14	12	9	8	2	6	4	5	7	8	9	13	12	10	12	13	11	8	7	4	1	10
16	0	0	0	6	14	14	13	14	14	16	19	19	19	20	21	19	11	3	0	0	0	0	0	0	9
17	0	0	0	0	0	0	0	0	0	1	2	4	8	10	15	23	31	30	24	8	0	0	3	0	7
18	2	3	1	0	0	1	2	2	1	3	17	23	25	22	21	17	13	6	12	17	23	16	14	12	11
19	15	14	11	4	5	8	6	9	10	11	12	19	21	20	18	7	0	0	0	0	0	0	1	8	8
20	1	1	1	2	0	0	0	0	4	6	12	20	22	29	23	22	25	24	24	21	16	14	13	12	12
21	12	13	14	15	15	10	9	9	8	4	1	3	11	13	6	11	11	3	6	4	0	0	0	0	7
22	0	0	8	17	20	21	22	24	25	25	27	26	26	27	26	25	24	23	20	17	13	6	5	4	18
23	4	6	7	13	18	18	20	21	20	20	20	20	21	20	20	19	18	17	16	15	16	16	17	17	17
24	18	18	18	19	19	17	15	16	17	17	19	20	22	20	18	18	14	15	17	17	17	17	17	17	18
25	17	17	17	16	17	19	20	19	20	22	23	23	22	21	20	19	18	17	17	19	21	21	20	19	19
26	20	20	20	20	20	17	16	14	11	13	15	16	18	19	17	13	13	15	17	19	17	16	12	17	17
27	8	6	4	5	5	5	6	6	7	17	19	10	4	2	1	1	0	0	0	0	0	0	0	0	4
28	1	3	8	10	12	11	11	10	13	13	14	16	18	15	14	12	13	9	4	1	0	0	0	0	9
29	0	1	2	3	3	9	13	11	14	17	18	20	20	19	20	18	17	16	14	11	9	8	7	8	12
30	10	9	10	11	14	14	14	14	12	13	14	18	14	19	19	18	19	19	18	19	17	17	18	15	15
MEAN	8	8	8	9	10	10	10	10	11	13	15	16	17	17	18	17	14	12	10	10	9	8	8	8	11.5

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION												
STATION - NO 58025 NATURAL RESOURCES BLDG ORONO												MONTH - DEC 75												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	21	20	20	20	17	18	14	15	14	17	18	18	18	18	15	6	1	2	4	1	0	0	13
2	0	0	0	0	0	2	4	1	3	8	14	18	17	13	11	6	3	7	8	3	4	1	1	5
3	1	2	1	1	9	11	14	17	17	18	18	19	20	19	18	20	17	10	10	5	9	15	13	
4	16	12	14	12	13	13	11	12	14	16	17	19	20	19	18	18	16	15	16	14	13	11	11	15
5	11	9	8	7	6	5	3	1	2	4	5	9	11	12	11	12	11	8	4	5	2	3	12	16
6	16	16	15	16	15	14	15	15	18	22	20	20	18	18	17	14	14	15	16	18	17	17	16	16
7	17	14	13	15	16	17	17	16	16	17	18	18	18	19	19	18	17	15	14	15	16	16	16	17
8	16	15	15	14	14	13	12	11	13	13	13	13	14	13	****	****	16	15	16	16	18	17	16	15
9	17	16	16	16	14	12	11	9	9	11	12	13	14	16	17	17	13	13	12	13	14	12	11	13
10	6	2	4	3	8	8	6	9	12	15	18	19	20	22	21	19	30	25	20	24	19	13	3	14
11	0	0	4	7	6	25	36	25	16	21	29	35	35	38	37	39	37	28	26	12	15	15	19	21
12	21	2	4	34	34	35	34	32	30	28	32	32	33	33	35	35	32	28	31	32	34	34	35	30
13	33	34	34	34	31	31	32	32	30	29	27	24	23	22	17	12	9	5	3	2	1	0	0	19
14	0	0	0	0	0	0	0	1	6	12	14	12	13	21	21	24	27	29	29	28	24	21	13	13
15	24	24	24	20	13	8	7	14	11	9	6	8	9	13	16	18	19	21	21	20	22	22	16	19
16	21	22	22	22	22	21	21	21	21	22	22	23	23	24	22	17	13	16	14	11	13	16	13	12
17	16	16	16	13	11	9	3	2	2	4	4	3	6	19	19	20	20	19	19	17	16	14	13	12
18	11	11	11	11	11	12	18	18	19	20	20	21	21	22	22	21	21	20	20	19	18	14	17	17
19	13	16	19	17	18	19	17	17	16	16	16	16	16	16	16	16	17	16	15	16	17	17	15	16
20	15	15	15	16	16	16	16	16	16	16	16	15	14	16	16	17	17	15	15	17	17	16	16	16
21	15	15	15	15	13	14	14	13	13	12	12	11	11	12	12	11	9	2	1	2	4	7	6	10
22	6	6	7	8	5	8	8	6	7	6	8	8	6	9	10	11	12	12	12	12	11	11	11	10
23	9	8	8	8	9	9	8	9	9	10	11	11	12	12	12	12	12	12	11	11	11	11	11	10
24	11	11	11	10	9	7	7	7	6	7	10	10	9	9	8	7	6	5	5	5	5	5	5	7
25	8	7	8	7	7	7	7	8	8	8	8	7	7	7	7	6	5	5	5	5	5	5	5	4
26	4	3	3	3	3	3	3	3	3	3	4	5	5	5	5	5	5	5	5	5	5	4	4	4
27	4	3	3	3	3	3	3	4	4	5	4	4	3	4	3	4	4	5	5	5	5	4	4	4
28	3	3	2	2	3	3	3	2	2	2	3	2	3	3	3	2	1	0	0	0	0	0	0	2
29	0	0	0	0	0	2	2	1	1	1	1	1	0	0	1	1	3	6	0	0	0	4	11	2
30	14	12	5	7	6	7	3	3	5	5	7	9	6	7	9	6	5	4	0	0	0	0	4	4
31	11	18	15	17	18	14	14	10	8	8	14	18	21	20	19	13	9	11	15	14	15	19	19	15
MEAN	12	11	11	12	11	11	12	12	12	12	13	14	14	15	16	15	14	13	12	12	11	11	11	12.3

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - NO 58025 NATURAL RESOURCES BLDG ORONO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY	15	56.7	71	145
JUN	20	45.3	77	146
JUL	21	40.6	74	182
AUG	31	31.5	61	124
SEP	30	17.9	35	63
OCT	23	23.2	55	135
NOV	30	11.5	20	31
DEC	31	12.3	30	39
YEAR	201	27.0	77	182

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - NO 58025 NATURAL RESOURCES BLDG ORONO

MONTH	00 TO 10	11 TO 20	21 TO 30	31 TO 50	51 TO 80	81 TO 100	101 TO 150	151 & OVER	TOTAL
JAN		DATA UNAVAILABLE							
FEB		DATA UNAVAILABLE							
MAR		DATA UNAVAILABLE							
APR		DATA UNAVAILABLE							
MAY	6	16	25	129	129	38	29	0	372
JUN	39	51	67	182	99	32	32	0	502
JUL	89	66	91	114	115	23	23	5	526
AUG	110	163	187	157	76	29	18	0	740
SEP	214	260	138	81	24	0	0	0	717
OCT	134	158	112	125	20	5	4	0	558
NOV	327	299	91	2	0	0	0	0	719
DEC	312	331	66	33	0	0	0	0	742
YEAR	1231	1344	777	823	463	127	106	5	4876

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
82.9	0	2.1	12.1	19.2	31.0	59.6	79.4	103.4	115.7	182	27.0



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

HOUR DAY	POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION													
	STATION - NE NO 77016 ASH ST WATER TANK SUDBURY												MONTH - JAN 75													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	- DATA INVALID -																									
2	15	23	31	29	32	22	23	20	19	18	16	13	14	13	10	24	19	11	19	21	25	15	7	17	16	
3	13	13	13	13	22	22	22	23	23	25	25	25	25	25	25	25	11	8	8	8	4	7	7	3	16	
4	3	3	3	9	10	6	8	8	8	10	12	13	13	12	11	5	0	2	6	6	4	4	10	9	7	
5	13	14	15	14	13	7	6	6	6	10	10	10	11	11	11	5	1	5	9	11	11	9	9	9	9	
6	13	13	15	15	13	12	10	6	6	10	10	13	14	16	11	6	2	0	0	0	0	0	0	0	8	
7	0	0	2	8	7	5	5	4	4	3	5	6	11	10	10	10	8	8	8	8	8	7	7	7	6	
8	6	6	6	6	7	9	9	6	8	10	9	9	12	12	12	12	5	5	5	5	5	5	5	5	8	
9	5	5	5	9	8	8	6	3	3	10	10	10	7	7	7	7	5	5	5	5	4	6	5	5	6	
10	6	7	7	9	13	13	13	15	15	17	17	15	12	11	13	13	13	15	14	14	14	14	12	13	13	
11	13	13	13	13	15	13	13	13	15	15	15	15	15	15	15	15	15	14	14	13	2	2	14	14	13	
12	10	15	15	14	14	14	5	9	6	3	16	15	17	17	17	17	16	8	11	11	15	15	13	13	13	
13	12	12	11	13	13	13	13	12	0	10	10	10	10	10	10	10	19	15	0	0	0	0	0	0	9	
14	0	0	0	3	11	6	9	4	4	6	9	14	15	15	14	13	2	0	6	16	23	23	22	19	10	
15	23	22	18	12	8	16	15	15	17	17	17	17	18	18	21	20	24	21	21	21	20	21	24	25	19	
16	25	24	20	18	7	6	1	1	0	0	11	18	16	20	20	18	13	11	10	12	6	4	4	4	11	
17	8	8	21	25	24	28	24	20	15	15	14	13	13	15	14	10	8	7	3	3	3	3	4	4	13	
18	4	7	7	10	10	10	10	11	11	11	12	12	12	12	12	12	12	12	10	8	13	21	21	21	12	
19	20	18	18	20	19	16	14	12	9	12	17	21	20	20	19	18	14	10	15	13	11	13	22	19	16	
20	17	19	19	21	17	12	12	13	12	16	16	16	13	14	15	14	9	6	4	5	9	19	19	21	14	
21	22	23	21	21	21	21	16	16	18	18	18	18	19	19	17	17	14	17	10	5	2	2	1	2	15	
22	6	6	12	12	10	3	0	0	0	3	16	18	12	9	13	15	14	11	12	15	18	18	16	14	11	
23	7	10	12	16	11	9	0	0	0	0	10	10	21	20	20	19	11	7	9	9	12	13	13	10	10	
24	22	21	20	23	24	26	23	21	17	21	23	20	20	18	17	17	17	16	17	18	23	27	33	33	22	
25	37	34	35	36	37	37	39	38	39	41	39	37	40	41	42	42	44	42	46	39	34	40	38	35	39	
26	37	15	25	31	26	13	12	4	12	24	28	38	38	38	38	37	35	37	31	37	42	42	39	41	30	
27	42	41	40	38	41	38	10	7	11	23	27	33	30	29	19	37	38	37	37	37	39	37	38	37	31	
28	2	7	10	28	30	23	24	29	25	32	38	38	42	42	40	37	38	37	37	37	39	37	38	37	18	
29	36	37	37	34	36	17	7	3	5	17	29	25	32	30	32	27	6	1	4	5	4	7	2	6	18	
30	2	7	17	15	5	19	27	24	31	27	32	35	36	34	36	29	10	4	24	22	22	28	17	24	22	
MEAN	14	15	16	18	17	15	14	12	11	14	18	19	20	19	19	18	13	12	12	13	13	14	14	14	15	2

- NOTES 1. ---- INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. ----- INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLLUTANT - OZONE-CHEMILUMINESCENT											UNITS - PARTS/BILLION														
	STATION - NE NO 77016 ASH ST WATER TANK SUDBURY											MONTH - FEB 75														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	30	28	25	12	17	22	24	11	17	20	32	34	39	45	40	27	13	0	0	0	0	0	2	1	18	
2	2	3	2	3	7	13	3	12	16	10	20	28	32	28	27	28	39	33	39	39	38	34	42	42	23	
3	43	44	47	42	43	43	34	19	31	***	41	41	42	45	42	43	23	11	2	2	0	2	2	0	28	
4	6	13	14	15	2	4	7	3	9	22	24	26	28	24	23	17	9	9	10	15	17	9	2	2	13	
5	2	12	11	22	17	6	9	12	11	17	33	35	33	33	33	29	17	2	3	5	7	4	13	15	16	
6	17	17	18	12	16	13	18	17	22	28	23	22	33	35	36	32	27	26	34	34	37	37	40	35	26	
7	38	32	38	40	34	19	10	7	12	15	***	35	38	41	40	39	27	13	24	27	29	30	33	36	29	
8	39	43	48	47	45	42	40	36	32	38	42	45	45	46	45	45	43	34	31	37	42	36	32	30	40	
9	35	26	11	7	8	17	10	1	4	7	11	10	12	24	32	35	28	18	11	3	5	15	2	3	14	
10	3	6	10	21	27	22	17	12	8	21	26	32	36	38	42	34	25	17	17	20	26	17	12	18	21	
11	30	36	38	37	37	36	30	29	32	34	37	38	42	40	39	34	24	11	8	2	7	9	7	7	27	
12	19	26	27	27	27	28	17	10	7	***	25	29	27	26	29	23	15	22	28	22	36	36	26	27	24	
13	39	40	37	38	41	44	42	45	43	44	45	44	44	45	45	44	44	40	43	42	37	27	42	34	41	
14	38	38	41	42	43	42	39	***	***	***	40	43	44	44	45	38	21	10	0	3	1	2	3	0	27	
15	0	0	0	0	0	0	0	0	6	8	13	24	26	27	16	11	9	4	12	17	19	31	33	22	12	
16	28	26	18	17	12	41	19	7	16	17	17	24	19	36	26	18	13	5	0	0	0	0	0	0	15	
17	6	5	10	17	22	23	17	11	10	***	32	38	39	***	***	21	31	42	32	41	41	42	43	26	26	
18	44	46	47	40	33	40	36	29	27	32	37	41	41	***	38	39	36	31	28	29	32	30	31	32	36	
19	32	36	37	42	41	44	38	39	32	41	42	42	44	48	45	50	47	41	32	33	40	49	47	38	41	
20	48	45	41	34	47	45	41	33	47	51	47	47	49	48	52	51	47	44	48	51	53	44	27	35	45	
21	28	40	42	22	22	23	22	18	22	23	***	57	56	59	65	51	23	15	30	50	38	41	44	22	35	
22	30	34	29	31	35	39	39	15	10	9	8	11	22	43	33	48	49	47	43	40	42	42	23	27	31	
23	35	39	40	42	47	33	31	32	29	39	43	50	50	48	53	54	49	18	36	41	41	41	47	45	41	
24	47	47	46	45	42	42	38	36	32	33	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
25	- DATA INVALID -																									
26	***	***	***	***	***	***	***	***	***	***	***	46	43	40	40	40	42	42	42	40	40	39	42	40	42	***
27	42	44	45	46	45	44	39	37	38	43	46	46	51	49	46	46	44	44	46	47	51	47	42	37	44	
28	36	25	13	7	23	17	20	18	16	11	14	15	16	15	16	12	12	14	14	15	17	18	22	20	17	
MEAN	28	29	28	27	28	29	25	20	21	26	31	34	36	39	38	36	29	22	24	25	27	26	25	24	28	1



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION													
STATION - NE NO 77016												MONTH - MAR 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	30	28	29	29	29	29	29	28	29	29	28	29	31	36	35	36	37	36	34	35	36	36	36	36
2	35	35	37	33	32	36	34	34	34	36	36	37	36	36	35	36	33	47	42	36	42	42	42	37	37
3	19	15	14	15	16	20	22	16	14	15	15	17	17	**	49	52	51	48	51	52	52	52	54	28	31
4	47	44	51	42	42	47	24	25	44	50	56	54	62	62	63	61	57	52	52	49	52	47	22	15	47
5	20	27	13	11	15	27	28	5	***	36	36	42	47	45	46	39	43	32	30	33	38	37	29	34	31
6	39	40	45	44	42	43	29	24	48	52	53	53	64	62	58	55	53	51	51	55	55	54	47	39	48
7	37	28	30	24	22	0	7	3	7	20	***	42	48	50	47	49	52	51	50	50	57	58	52	52	36
8	55	54	55	55	53	54	52	52	50	50	48	51	52	52	55	54	54	53	51	45	42	39	33	42	50
9	18	12	21	18	12	7	15	15	23	16	12	17	17	17	17	18	20	20	17	17	18	19	19	17	17
10	22	20	22	21	16	17	16	14	15	27	34	43	62	59	62	62	54	44	19	6	11	18	12	14	29
11	18	22	20	12	1	4	2	7	7	10	17	23	23	27	28	27	24	22	23	21	16	8	7	13	16
12	17	17	15	14	17	17	16	14	11	11	12	12	17	13	8	2	12	20	22	22	32	31	35	32	17
13	33	32	30	37	38	41	40	37	37	41	44	42	42	42	43	43	42	38	33	4	0	0	0	0	31
14	0	0	0	0	3	0	7	8	12	***	32	41	46	48	49	43	39	47	43	17	8	2	0	0	19
15	0	0	1	2	0	0	2	17	22	27	36	50	49	55	60	62	61	57	65	64	66	55	49	39	35
16	41	39	52	57	58	60	58	52	56	55	60	62	67	67	64	57	55	41	18	11	27	26	22	9	46
17	5	2	9	12	9	26	30	13	9	35	40	47	52	61	59	62	57	60	52	49	57	42	17	31	35
18	48	35	37	36	45	31	10	19	37	42	56	71	63	***	***	22	22	33	69	71	51	23	28	52	41
19	44	45	57	52	44	34	11	6	***	14	16	18	24	23	42	42	11	17	52	50	45	46	46	47	34
20	50	49	50	46	42	43	43	38	43	45	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
21													- DATA INVALID -												
22													- DATA INVALID -												
23													- DATA INVALID -												
24													- DATA INVALID -												
25													- DATA INVALID -												
26													- DATA INVALID -												
27													- DATA INVALID -												
28													- DATA INVALID -												
29													- DATA INVALID -												
30													- DATA INVALID -												
31													- DATA INVALID -												
MEAN	29	27	29	28	27	27	24	21	28	32	35	39	43	44	46	43	41	41	41	36	37	33	29	28	33.5

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION													
STATION - NE NO 77016												MONTH - APR 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
10	36	39	38	23	10	0	26	26	13	4	0	12	25	36	41	41	41	41	41	40	34	34	37	40	***
11	39	37	36	29	4	38	37	38	38	39	41	42	41	42	42	43	42	41	38	37	0	0	0	0	3
12	0	0	0	36	36	37	37	37	38	39	40	41	41	42	43	43	43	42	39	39	35	25	***	***	3
13	0	0	0	0	19	26	0	4	11	2	3	3	0	0	0	0	0	0	0	0	6	8	9	4	
14	***	***	***	***	***	***	***	***	***	***	25	31	44	45	45	45	44	42	42	38	36	39	39	40	***
15	46	46	34	39	39	38	22	32	38	44	50	51	53	53	52	51	51	46	36	41	46	46	42	44	
16	52	54	36	44	43	42	31	19	19	29	43	49	52	48	48	47	46	46	45	46	47	44	42	48	
17	30	31	30	30	26	22	19	19	21	22	23	30	37	41	49	46	41	45	42	20	15	22	27	30	
18	39	40	40	42	45	45	44	32	25	24	15	***	***	***	***	***	***	0	0	0	0	7	12	12	
19	15	14	15	16	18	23	24	38	37	28	20	19	19	21	21	20	19	20	20	19	18	18	15	21	
20	23	37	39	40	39	40	40	40	40	40	41	42	42	43	44	44	44	43	32	32	33	30	30	31	38
21	27	34	25	35	37	31	36	32	33	35	34	36	40	36	36	37	34	28	25	26	26	31	38	38	3
22	37	38	39	40	40	40	32	32	32	29	30	32	35	40	26	26	26	28	29	27	28	23	24	24	3
23	22	15	8	7	19	19	12	9	11	15	15	18	20	17	16	14	12	16	21	24	24	25	26	28	1
24	28	29	24	24	23	23	23	23	23	22	22	22	22	22	21	20	20	22	***	***	24	22	22	20	2
25	19	22	22	21	21	19	17	15	17	21	21	24	25	22	19	20	20	22	17	17	16	16	16	17	1
26	17	17	15	18	18	18	18	18	18	18	18	20	20	20	21	21	19	17	17	17	16	16	16	17	1
27	10	19	15	5	3	3	4	4	5	6	6	7	8	7	7	6	5	4	4	4	4	3	5	6	1
28	13	12	6	6	6	16	16	18	***	***	32	34	35	34	31	26	24	16	12	17	16	7	1	17	1
29	3	5	6	6	4	2	0	0	3	6	6	6	6	6	6	5	4	0	0	0	0	0	2	3	1
30	3	5	6	6	6	4	2	3	3	4	***	34	36	36	34	31	34	36	33	23	24	24	28	30	1
MEAN	23	25	22	23	23	24	22	22	22	23	24	28	30	31	30	29	29	27	25	24	22	21	21	22	24.7

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

	POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION													
	STATION - NE NO 77016					ASH ST WATER TANK SUDBURY							MONTH - MAY 75													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	30	36	37	35	31	25	17	15	11	15	19	24	21	22	21	22	22	21	18	0	2	4	4	8	19	
2	3	6	14	17	17	12	12	15	****	28	30	27	24	23	23	23	25	25	27	27	30	27	24	25	21	
3	22	22	19	18	17	23	18	20	18	35	39	38	36	28	32	36	37	37	34	30	26	26	22	22	27	
4	20	23	23	26	25	24	23	24	25	30	32	29	29	32	34	34	35	37	27	17	23	24	21	22	27	
5	17	29	27	32	13	15	10	6	****	12	24	29	12	20	10	9	6	7	8	18	8	6	7	7	14	
6	18	24	36	36	26	15	15	21	11	9	19	11	12	13	12	11	11	12	12	12	12	11	8	7	16	
7	9	7	5	7	10	10	11	11	11	8	7	****	****	****	27	26	27	27	17	9	11	8	10	17	13	
8	21	22	21	17	18	18	11	14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
9	****	****	****	****	****	****	****	****	****	24	24	23	23	23	25	23	23	23	5	0	2	0	0	0	****	
10	0	1	6	16	28	37	37	38	35	24	31	30	26	28	29	30	29	28	26	24	24	25	25	23	25	
11	24	20	17	20	18	27	29	32	36	29	25	22	27	28	22	20	17	16	17	19	19	18	18	17	22	
12	19	16	18	16	17	17	18	21	22	23	21	****	24	****	31	30	37	40	35	21	15	26	23	****	23	
13	18	19	21	18	19	21	22	21	27	30	35	37	32	34	29	31	29	28	30	****	36	29	34	31	27	
14	25	31	24	21	23	4	13	18	34	28	35	41	47	50	60	70	60	57	58	54	46	24	11	12	35	
15	37	36	24	19	25	28	****	15	14	15	18	****	14	19	28	27	37	32	30	34	36	32	28	29	26	
16	22	21	24	27	18	8	11	12	15	18	20	22	25	22	26	21	23	24	24	23	26	22	27	22	21	
17	26	27	28	24	28	23	27	40	46	46	45	46	50	48	49	49	52	53	55	59	54	42	38	51	42	
18	56	53	54	51	26	21	43	48	66	66	73	74	72	72	73	76	78	78	80	83	86	85	85	77	66	
19	77	74	70	68	71	55	20	44	54	51	60	72	64	61	58	64	67	58	41	23	28	32	36	53	54	
20	71	75	61	58	55	46	29	39	47	50	57	57	55	51	52	48	50	55	62	73	65	36	24	27	52	
21	23	42	46	42	39	30	29	38	29	40	51	51	52	55	57	53	48	44	46	49	41	42	34	35	42	
22	31	34	31	36	31	27	24	27	36	38	41	50	47	42	43	44	47	46	48	51	53	49	46	50	41	
23	43	38	44	30	28	17	12	15	****	41	53	62	64	60	57	51	41	34	36	37	28	16	12	13	36	
24	14	16	17	16	16	14	14	16	17	22	27	29	36	45	38	30	28	27	31	31	28	10	7	8	22	
25	9	5	11	23	20	17	25	27	30	45	51	58	54	55	56	54	57	63	63	60	82	79	73	77	46	
26	78	72	71	65	54	43	37	25	27	28	31	30	18	19	****	18	25	30	34	28	26	25	21	21	36	
27	23	18	16	15	16	15	14	15	20	24	25	25	23	20	18	16	17	19	18	18	20	17	9	14	18	
28	14	16	16	16	17	18	16	17	22	23	23	23	26	23	23	23	24	26	31	34	****	25	23	21	22	
29	22	22	26	26	29	29	27	22	31	34	36	****	29	38	39	40	40	38	32	21	8	8	16	22	28	
30	21	28	29	19	18	14	12	16	18	****	****	43	39	31	26	29	25	26	24	28	24	30	47	43	27	
31	47	44	40	43	39	40	38	30	20	22	20	23	22	29	36	32	18	14	11	9	12	16	14	13	26	
MEAN	28	29	29	29	26	23	21	23	28	30	34	38	35	35	36	35	35	34	33	31	30	26	25	26	29	8

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

	POLLUTANT - OZONE-CHEMILUMINESCENT											UNITS - PARTS/BILLION															
	STATION - NE NO 77016					ASH ST WATER TANK SUDBURY					MONTH - JUN 75																
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	13	8	8	13	17	15	11	12	14	19	23	24	21	24	19	17	16	12	13	11	12	11	8	11	15		
2	10	13	12	8	12	5	3	8	16	20	****	23	27	27	28	23	25	27	28	29	32	33	30	31	20		
3	33	26	21	23	21	12	12	10	12	23	34	36	35	36	32	31	36	41	44	43	38	37	37	34	29		
4	44	43	36	42	37	27	26	37	46	49	43	35	34	31	33	32	33	36	38	45	41	35	43	46	38		
5	46	40	45	32	27	18	12	16	13	16	15	13	14	18	15	18	15	15	12	13	9	16	25	20			
6	31	25	30	27	25	24	24	24	26	27	27	23	18	14	15	16	18	15	16	15	12	16	19	16	21		
7	16	15	16	15	15	14	14	12	11	10	10	9	9	8	7	6	5	5	5	5	6	6	5	7	10		
8	5	6	7	7	9	7	8	9	10	14	18	17	14	14	12	11	12	14	14	15	14	12	13	10	11		
9	6	8	8	9	10	10	14	17	23	****	23	22	22	22	22	14	20	23	11	17	8	2	1	14			
10	6	10	15	12	7	5	6	14	24	36	38	31	29	23	19	18	20	25	24	32	34	29	22	14	21		
11	5	0	6	4	5	8	16	18	****	32	36	42	38	39	44	44	43	42	36	32	34	34	29	39	27		
12	41	42	41	39	35	22	9	9	****	14	23	30	32	32	32	37	43	40	42	34	40	32	33	36	32		
13	40	40	36	34	29	24	22	17	17	****	17	21	21	26	26	25	28	26	25	21	19	18	12	8	24		
14	14	21	17	14	18	22	32	35	36	35	34	36	36	34	31	29	29	29	30	30	28	24	13	20	27		
15	16	0	8	21	19	22	22	24	27	29	32	34	35	40	40	48	54	59	57	41	40	35	39	41	33		
16	44	40	35	29	24	22	19	21	22	22	25	23	27	****	****	25	****	****	****	****	****	****	****	****	****		
17	****	****	****	****	****	****	****	****	****	****	****	29	27	34	26	23	23	29	29	21	15	13	27	16	47	47	****
18	52	51	51	47	43	47	34	30	24	42	38	37	****	29	33	35	15	35	29	32	29	27	30	26	35		
19	11	24	20	17	6	9	6	16	21	26	26	23	17	19	18	19	19	20	17	19	16	12	11	12	17		
20	14	15	16	16	14	13	12	14	****	13	14	5	7	9	3	4	3	5	6	5	0	0	****	****	9		
21	0	0	0	0	0	0	3	11	24	30	30	32	27	27	28	27	30	28	28	30	26	29	28	34	20		
22	41	45	46	48	47	45	41	44	46	59	64	71	62	59	55	46	48	56	64	60	56	57	59	64	53		
23	63	64	63	57	56	47	40	46	49	40	****	42	36	37	34	27	29	26	29	30	24	19	20	19	39		
24	18	20	20	19	17	15	14	11	11	12	16	18	18	19	20	20	20	20	19	16	10	8	2	0	15		
25	0	0	0	11	7	0	0	0	15	14	14	13	6	21	18	14	18	20	16	12	3	0	0	0	9		
26	0	0	0	0	0	0	0	14	24	31	28	27	25	25	25	25	28	30	37	39	32	35	23	36	20		
27	39	27	3	1	7	7	11	19	****	49	53	49	49	45	47	46	46	49	53	55	53	52	49	55	38		
28	69	53	48	49	47	42	34	36	36	38	37	37	36	****	****	****	****	****	****	****	****	****	****	****	****		
29	- DATA INVALID -																										
30	- DATA INVALID -																										
MEAN	25	24	23	22	21	18	17	19	24	28	29	29	27	27	26	25	26	28	27	27	25	23	24	25	24	4	



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION														
STATION - NE NO 77016 ASH ST WATER TANK SUDBURY												MONTH - JUL 75														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	****	****	****	****	****	****	****	****	****	****	41	37	32	32	****	34	37	39	43	44	45	****	****	****	****	
2	****	****	****	****	****	****	****	****	****	****	****	****	DATA	INVALID	****	****	****	****	****	****	****	****	****	****	****	
3	12	10	8	8	5	11	8	15	19	****	19	18	16	15	13	14	15	12	15	14	12	13	13	12	12	
4	12	11	11	11	12	9	7	15	20	29	25	27	22	22	22	22	25	25	26	23	21	23	21	24	19	
5	13	12	13	8	5	11	21	26	35	45	50	47	40	39	57	52	61	63	61	58	50	58	58	54	39	
6	43	37	39	37	37	31	29	38	35	****	48	51	66	72	69	61	58	55	58	55	50	51	55	50	49	
7	37	44	38	29	26	17	16	24	29	29	24	10	11	13	15	18	21	22	23	16	10	8	7	11	21	
8	8	14	13	17	18	15	12	17	19	20	21	20	20	22	25	27	24	26	23	17	14	15	17	16	18	
9	19	18	16	20	11	7	13	17	19	22	16	23	24	26	25	21	18	16	17	19	17	16	14	15	18	
10	13	10	11	13	11	11	10	10	10	16	17	15	18	20	21	24	23	15	17	16	12	9	7	6	14	
11	4	3	0	2	2	2	6	12	17	20	23	28	24	22	23	26	28	26	22	26	18	13	12	14	16	
12	0	0	0	0	0	0	3	16	30	50	63	62	62	63	59	60	61	61	66	60	53	39	45	49	38	
13	44	50	46	43	45	30	27	30	39	****	49	51	48	44	40	21	38	41	47	47	48	50	50	48	42	
14	48	42	41	36	37	31	30	25	27	30	35	35	38	36	38	42	44	44	53	53	51	47	55	58	41	
15	64	68	84	88	84	64	64	63	57	36	53	56	56	55	54	54	56	56	52	75	75	76	76	68	64	
16	70	74	71	63	61	60	36	46	60	63	63	62	58	58	55	51	50	51	58	61	67	71	75	78	61	
17	78	77	75	72	68	63	63	66	****	75	78	78	77	75	69	65	68	64	64	80	84	76	75	60	72	
18	52	35	32	41	38	32	13	17	34	12	37	37	36	35	42	42	40	40	40	41	35	37	24	35	34	
19	34	31	28	15	14	8	21	26	24	24	18	20	25	20	14	16	14	10	21	15	2	0	3	9	17	
20	12	13	13	14	11	7	8	8	8	11	12	17	17	16	16	16	17	16	13	15	15	15	20	21	14	
21	19	15	13	13	13	12	10	16	20	23	29	30	33	36	37	38	44	43	38	18	29	32	28	7	25	
22	15	2	2	14	12	6	14	18	21	19	19	19	22	27	29	16	17	19	15	13	13	7	0	8	14	
23	11	13	13	14	12	13	19	21	34	38	39	29	34	34	26	24	17	16	15	16	16	16	16	9	21	
24	9	10	8	8	8	8	8	10	12	11	13	13	15	14	14	15	17	17	17	19	14	16	14	9	21	
25	13	13	13	16	13	8	11	12	16	16	20	24	27	24	24	23	26	29	30	27	31	38	41	45	23	
26	44	47	49	50	52	50	49	48	43	36	30	30	27	19	18	16	15	14	13	13	13	12	15	30	30	
27	18	16	14	16	15	13	10	12	14	13	15	15	19	18	18	17	16	16	16	16	9	10	4	1	14	
28	9	4	2	6	4	1	2	4	10	22	22	21	****	****	****	23	26	28	32	40	37	35	40	53	20	
29	58	60	56	58	51	43	42	49	57	70	64	69	66	61	53	46	46	57	55	58	38	23	46	39	53	
30	45	16	38	34	23	31	21	26	34	38	41	48	45	36	30	29	31	40	38	39	40	38	35	40	35	
MEAN	28	27	27	27	25	21	20	24	27	31	34	34	34	33	33	31	32	33	33	34	31	30	30	30	29	6

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
2. - INDICATES DATA IS UNAVAILABLE  
3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT												UNITS - PARTS/BILLION														
STATION - NE NO 77016 ASH ST WATER TANK SUDBURY												MONTH - AUG 75														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	16	21	36	15	14	8	****	36	22	47	56	50	56	55	53	42	44	45	48	44	47	50	47	52	39	
2	65	63	65	64	63	72	67	78	90	103	92	79	90	57	50	47	58	53	52	54	20	35	31	50	62	
3	52	64	76	73	70	64	55	50	48	24	45	45	27	38	41	50	50	47	45	40	38	33	28	25	47	
4	29	28	29	28	24	22	20	21	26	24	25	31	37	38	38	40	39	42	45	47	21	24	23	21	30	
5	24	22	22	20	19	18	18	18	****	****	13	15	13	11	11	12	13	12	14	13	13	15	12	10	15	
6	12	10	****	11	10	9	9	11	12	11	12	21	14	15	17	17	15	16	16	17	14	13	1	1	12	
7	5	1	0	0	2	2	3	13	27	32	33	32	32	31	27	22	22	22	23	24	20	19	21	20	18	
8	24	24	23	18	9	12	6	13	28	****	39	43	46	52	51	50	52	55	59	63	74	67	70	73	41	
9	66	73	74	66	67	61	53	59	61	60	62	64	67	66	62	59	56	55	58	59	54	41	29	31	58	
10	33	32	28	25	25	22	18	18	25	31	34	38	53	47	49	58	58	55	56	59	56	57	62	53	41	
11	45	45	42	38	27	22	20	18	23	23	26	23	21	26	25	24	22	20	17	14	10	10	3	2	23	
12	2	5	7	12	13	8	4	10	13	21	27	26	27	26	27	27	26	25	26	25	26	28	21	19	19	
13	28	32	31	29	36	20	27	46	54	52	59	60	****	****	****	****	****	****	****	****	****	****	****	****	****	
14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
15	11	13	15	15	14	11	10	13	****	20	19	17	17	19	21	21	24	23	22	18	9	4	2	0	15	
16	0	1	5	1	1	2	1	5	17	29	31	32	36	33	32	31	34	35	35	41	39	40	37	45	23	
17	47	42	36	47	42	42	41	****	****	****	56	49	43	28	27	22	18	20	19	18	18	18	17	32	32	
18	15	14	14	14	16	13	10	9	14	17	21	19	20	19	20	21	21	21	19	18	15	16	12	19	17	
19	16	14	10	12	14	8	7	****	17	18	21	22	20	19	18	18	19	18	16	14	7	7	9	15	15	
20	14	11	6	10	12	10	8	12	18	18	22	25	23	23	24	24	25	26	22	20	****	****	****	****	18	
21	****	****	****	****	****	****	****	****	****	****	19	18	17	17	17	16	15	18	13	3	0	0	0	0	****	
22	0	1	1	3	5	3	3	5	12	16	19	19	22	20	24	23	20	23	28	25	35	28	30	31	17	
23	30	36	32	28	26	22	19	15	14	18	24	26	28	30	28	24	30	39	37	29	36	30	30	12	27	
24	21	17	31	31	30	23	12	16	****	12	13	22	30	41	43	42	41	38	46	36	36	37	39	40	30	
25	26	36	42	39	35	29	26	26	25	24	25	30	22	21	21	21	20	20	23	25	20	17	17	16	25	
26	18	15	14	13	13	13	11	11	13	14	14	15	16	15	17	16	19	20	26	23	19	17	17	20	16	
27	19	20	20	21	18	14	10	16	17	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
28	10	13	16	15	14	13	13	13	16	16	14	13	14	13	11	7	6	10	7	6	6	5	4	5	****	
29	0	4	12	11	16	17	14	18	19	19	19	20	21	20	20	20	22	19	14	10	7	13	18	24	16	
MEAN	23	24	26	24	24	21	19	22	27	28	31	31	31	30	29	28	29	29	30	28	25	24	22	22	26	26



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT														UNITS - PARTS/BILLION											
STATION - NE NO 77016 ASH ST WATER TANK SUDBURY														MONTH - SEP 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	26	24	23	23	21	17	17	19	17	15	15	16	15	16	17	23	26	26	23	26	27	31	30	31	22
2	38	32	27	19	12	7	7	8	10	9	****	****	9	11	11	11	12	12	12	12	12	12	11	7	14
3	10	11	11	11	10	7	3	6	11	13	15	22	19	22	17	16	17	16	14	14	16	15	16	22	14
4	23	22	20	20	15	12	11	10	16	19	20	20	20	20	21	20	21	20	21	21	20	20	22	22	19
5	23	21	23	21	19	19	11	12	12	15	18	19	21	17	20	19	16	11	6	2	2	8	9	7	15
6	8	12	15	20	20	17	16	14	15	14	14	13	14	15	16	18	18	19	18	10	9	11	3	2	14
7	3	0	1	0	0	0	0	4	11	11	9	8	9	8	9	11	7	9	9	12	19	38	52	35	11
8	32	31	27	21	24	18	14	14	15	9	9	11	12	13	13	13	13	13	13	13	14	12	14	14	16
9	11	11	12	11	11	10	10	10	16	18	19	20	21	19	19	19	18	18	20	23	22	18	18	24	17
10	20	15	20	20	12	9	1	3	10	16	29	32	33	25	24	27	29	27	31	26	22	18	27	39	21
11	43	45	45	43	38	32	24	25	32	29	26	31	19	29	18	16	10	8	13	12	10	8	9	9	24
12	4	6	8	8	4	7	4	5	6	10	11	13	12	10	11	10	10	11	6	7	8	7	9	8	8
13	9	9	8	8	9	8	10	9	8	12	15	16	16	13	15	19	21	16	16	16	8	5	10	5	12
14	1	3	9	10	13	11	10	13	15	14	16	17	19	20	25	27	27	23	25	26	29	29	33	35	19
15	35	39	38	39	38	35	19	25	32	38	42	44	45	43	38	37	40	41	42	40	39	38	39	41	38
16	41	36	34	30	29	19	7	12	25	27	28	35	29	29	34	32	31	30	18	4	5	6	7	7	23
17	8	9	9	9	9	5	3	2	2	5	10	16	23	22	22	22	24	22	7	1	3	1	1	0	10
18	0	0	1	4	10	6	3	7	14	25	24	24	25	23	22	21	20	23	16	24	22	20	16	3	15
19	13	18	18	19	16	14	6	1	6	8	18	12	5	31	31	23	14	14	19	15	13	17	20	21	16
20	22	35	34	30	26	27	22	21	24	24	22	31	30	30	30	30	27	29	26	27	26	17	17	17	26
21	15	12	13	13	13	14	14	11	12	16	16	16	13	15	16	17	17	16	18	18	17	17	18	16	15
22	14	17	16	16	15	14	11	11	14	17	17	17	15	18	24	24	25	25	22	14	12	17	18	17	17
23	19	13	12	11	9	4	0	4	7	10	13	12	17	17	15	15	1	15	12	3	5	2	1	3	9
24	3	10	10	11	10	7	4	8	6	14	14	17	15	15	15	15	11	11	6	7	6	5	5	10	10
25	11	11	11	12	12	5	4	6	12	13	15	17	17	16	15	11	11	12	11	12	10	11	13	14	12
26	15	15	14	13	11	11	5	6	****	8	7	6	6	6	6	4	4	3	3	4	6	9	5	9	8
27	10	12	11	12	13	12	8	5	10	9	14	15	16	20	20	19	20	21	11	2	2	0	0	0	11
28	0	0	2	3	5	6	7	7	14	24	29	31	28	27	25	29	29	28	25	26	35	34	32	28	20
29	29	29	25	21	17	13	3	2	5	22	38	41	39	34	34	30	36	46	37	30	23	28	8	0	25
30	5	17	29	47	50	37	8	9	17	39	50	50	****	****	****	****	****	****	****	****	****	****	****	****	****
MEAN	16	17	18	18	16	13	9	10	14	17	20	21	19	20	20	20	19	19	17	16	15	16	16	15	16.7

- NOTES 1. \*\*\*\* INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. \*\*\*\*\* INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT														UNITS - PARTS/BILLION												
STATION - NE NO 77016 ASH ST WATER TANK SUDBURY														MONTH - OCT 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	- DATA INVALID -														19	18	17	14	11	15	18	19	24	*****		
2	***	***	***	***	***	***	***	***	***	***	***	***	***	16	19	30	31	32	29	17	9	10	10	11	14	23
3	28	28	30	30	30	26	21	21	23	20	24	25	26	29	30	31	32	29	17	9	10	10	11	14	23	
4	14	16	15	15	11	8	10	16	20	18	23	23	22	22	23	16	7	5	3	4	5	7	9	14	35	
5	0	3	3	3	2	17	18	19	23	32	41	51	55	60	55	53	46	55	57	56	48	50	48	47	35	
6	53	58	45	38	30	25	18	13	16	14	12	11	12	15	12	***	11	13	13	11	6	7	8	10	20	
7	10	11	13	16	15	3	0	4	11	14	19	20	20	20	19	19	19	18	13	14	15	6	5	9	13	
8	5	7	0	3	0	0	0	6	10	11	11	10	11	***	12	11	10	9	7	9	9	10	11	13	10	
9	16	15	15	14	14	9	6	2	7	9	10	12	17	14	10	9	6	6	7	8	8	8	13	10	12	
10	13	16	16	15	14	5	2	2	2	2	4	13	23	28	20	16	6	17	9	13	14	12	8	8	12	
11	19	19	17	17	17	16	12	12	13	17	14	11	9	11	12	12	13	13	8	10	10	11	10	10	13	
12	9	8	8	9	8	6	6	9	9	15	15	17	17	19	19	20	22	19	5	2	12	7	8	15	12	
13	13	10	13	12	12	6	10	7	1	5	7	19	12	8	17	12	5	5	***	4	3	3	4	14	9	
14	15	14	12	10	10	8	4	4	***	12	8	12	12	10	6	4	2	3	6	7	10	11	10	11	9	
15	12	13	13	13	13	10	8	6	10	10	10	10	7	7	6	13	14	16	22	17	17	14	13	15	12	
16	14	13	9	9	8	8	9	9	11	12	14	15	14	14	13	13	13	8	5	4	3	1	1	1	9	
17	1	1	***	4	***	3	1	3	6	9	9	11	11	13	14	12	9	9	7	7	9	***	***	***	8	7
18	7	***	5	5	7	4	***	***	***	***	6	7	7	9	9	9	9	7	4	6	9	7	8	7	7	
19	8	10	0	1	12	8	3	12	13	12	12	12	11	10	7	6	5	3	3	4	2	3	3	3	7	
20	6	6	2	2	2	1	0	6	10	14	17	16	19	***	23	27	26	20	19	20	15	18	13	20	13	
21	26	25	27	27	25	25	14	6	15	18	22	23	22	23	18	17	19	12	19	21	20	18	15	15	20	
22	17	20	14	15	17	18	6	2	11	17	18	25	24	26	24	16	6	2	3	16	1	3	8	14	14	
23	17	18	18	20	18	14	5	4	6	11	16	23	37	50	45	45	54	29	28	42	49	50	49	48	29	
24	44	26	31	46	31	28	7	3	0	29	35	41	40	48	43	34	36	39	38	38	32	33	32	32	32	
25	30	40	40	42	29	10	9	14	32	11	14	15	12	12	13	16	18	18	21	22	20	18	23	19	24	
26	23	25	21	23	17	24	18	17	18	24	25	25	26	29	32	31	36	27	19	22	22	22	19	25	24	
27	26	27	21	15	9	4	14	11	4	7	***	29	30	30	31	29	30	26	10	31	28	26	26	21	21	
28	13	13	15	14	11	10	5	3	9	16	21	20	21	18	17	12	13	13	14	18	15	10	12	11	14	
29	9	9	8	9	10	10	***	***	7	0	***	17	14	15	14	14	14	14	14	12	13	14	14	14	12	
30	15	17	17	18	18	19	18	18	14	17	20	20	19	20	21	19	10	4	1	***	***	5	3	4	14	
31	12	14	3	2	10	3	8	3	5	8	8	10	10	9	10	10	12	10	10	12	18	18	14	11	10	
MEAN	16	17	15	14	14	11	9	8	11	14	16	19	19	21	20	19	18	16	14	15	16	14	14	15	15.3	



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENT													UNITS - PARTS/BILLION												
STATION - NE NO 77016 ASH ST WATER TANK SUDBURY													MONTH - NOV 75												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	7	4	5	10	10	8	8	10	11	13	14	20	20	22	25	23	22	11	12	4	5	3	2	12
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	28	25	24	21	21	18	8	2	3	5	0	14	16	12	0	0	0	0	0	0	0	0	0	0	0
4	20	21	23	21	22	20	21	17	21	20	21	23	25	25	25	22	23	23	23	21	20	20	20	20	22
5	23	22	23	20	19	19	17	18	17	16	17	22	23	22	22	17	6	2	1	10	2	0	0	0	14
6	2	1	6	2	11	10	3	3	5	18	23	18	27	22	22	26	21	27	29	27	20	18	16	11	15
7	14	22	20	16	17	6	4	12	8	11	8	11	12	9	9	8	9	10	11	18	19	0	0	20	12
8	0	0	0	19	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	6	7	0	0	0	3	2	21	18	19	16	16	12	15	17	17	18	17	12	15	19	9	3	15	4
10	12	15	17	22	21	19	18	16	14	13	13	17	19	20	20	16	14	11	12	13	15	16	17	20	16
11	22	23	23	22	21	23	23	22	19	19	20	21	21	20	22	20	17	7	9	14	14	10	0	2	17
12	2	2	8	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	14	15	17	17	18	19	20	18	17	19	22	22	21	12	11	10	9	11	12	13	14	14	14	10	17
14	24	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	26	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	22	21	21	23	24	25	26	20	19	23	28	23	25	25	25	20	17	12	12	13	21	19	11	6	20
17	10	15	16	14	8	5	2	0	2	8	22	25	29	31	28	36	35	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	12	12	12	13	12	11	8	6	7	7	6	6	13	14	12	9	0	0	0	0	0	0	0	0	0
20	11	12	13	14	14	16	13	9	8	10	11	9	7	8	7	6	4	5	9	9	10	9	9	9	9
21	9	9	9	8	8	10	9	7	6	10	0	8	10	8	6	5	5	5	6	7	8	8	8	8	9
22	23	23	24	25	25	27	27	27	28	27	25	25	25	22	23	8	8	10	12	13	15	16	19	20	21
23	19	20	23	21	21	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	33	33	33	32	28	28	28	0	0	0	26	27	28	28	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	17	19	15	16	16	17	17	0	0	0	19	19	18	16	13	18	14	15	17	19	20	20	18	18	18
29	2	4	8	9	11	14	12	9	8	9	10	7	7	9	11	13	15	14	16	14	11	11	7	10	10
30	5	5	7	8	13	16	16	16	17	18	19	21	23	24	25	26	30	33	24	28	21	14	13	14	18
MEAN	15	15	15	15	16	16	14	11	12	14	17	17	19	17	18	18	16	14	15	16	16	15	13	13	15.4

- NOTES 1. 0000 INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE  
 2. - INDICATES DATA IS UNAVAILABLE  
 3. 00000 INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

POLLUTANT - OZONE-CHEMILUMINESCENT														UNITS - PARTS/BILLION											
STATION - NE NO 77016 ASH ST WATER TANK SUDBURY														MONTH - DEC 75											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	19	20	21	21	17	17	19	18	19	19	17	19	19	21	20	17	11	16	12	5	0	0	0	15
2	0	11	15	16	15	14	8	1	0	2	5	13	12	11	11	10	17	11	14	15	13	4	7	13	9
3	0	0	0	8	9	12	13	17	15	15	0	20	21	22	21	19	13	9	10	10	13	12	12	14	15
4	17	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	17	15	15	25	27	23	18	16	18	16	0	0	0	0	0	0	0	13	13	11	9	13	11	16
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	14	14	17	17	19	18	17	12	9	13	13	14	15	13	10	8	6	1	3	11	12	15	12	13	12
10	14	17	17	15	12	5	8	0	2	7	10	16	24	27	27	20	18	27	23	29	29	24	17	24	17
11	26	25	26	27	30	27	25	24	25	23	29	28	27	24	21	18	3	7	8	12	14	16	18	21	21
12	18	17	19	16	13	13	10	6	3	0	12	11	13	12	11	8	2	0	1	0	0	0	0	0	9
13	12	0	0	0	0	0	0	0	0	0	11	9	9	11	10	7	5	3	5	3	2	1	1	0	7
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	5	13	13	14	15	16	16	17	18	17	17	18	17	17	16	15	13	14	17	17	17	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	14	14	16	17	12	10	11	15	16	12	11	16	0	0	0	15	14	13	13	15	15	17	18	19	15
18	23	22	23	23	22	22	20	19	18	12	11	16	0	0	0	15	14	13	13	15	15	17	18	19	20
19	15	18	18	18	16	15	13	7	2	10	12	12	13	11	10	7	7	6	9	9	9	9	11	11	11
20	14	14	17	16	17	18	18	17	17	10	9	9	9	10	9	10	11	8	8	9	11	11	12	13	12
21	10	12	11	14	13	14	14	13	9	16	13	12	14	12	13	10	13	5	8	11	9	5	6	3	11
22	5	15	10	11	7	8	8	5	1	0	0	1	5	11	13	16	13	15	16	16	16	15	16	10	10
23	17	21	22	21	21	21	21	21	20	18	20	21	18	21	21	23	22	20	21	21	22	21	20	20	21
24	18	5	11	0	0	0	3	0	3	11	13	10	8	11	7	6	7	12	13	14	12	10	9	8	8
25	6	2	2	5	10	11	13	15	13	15	16	16	14	13	12	10	10	11	10	13	16	16	18	17	11
26	5	7	7	10	10	11	11	10	9	9	10	10	9	9	9	10	10	11	10	10	9	6	6	8	10
27	15	13	15	17	17	18	15	15	8	15	18	17	17	17	7	3	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	6	8	11	18	13	7	7	0	0	0	0	0	0	0	0
29	0	0	0	0	2	0	0	0	0	1	1	2	4	26	25	25	25	14	18	18	14	14	13	12	9
30	10	7	4	6	10	9	7	4	3	3	3	4	7	7	0	6	10	6	5	0	0	0	0	0	0
31	0	0	16	13	7	13	12	10	10	0	6	11	10	10	0	0	0	0	0	0	8	9	15	15	0
MEAN	12	13	14	13	14	13	13	11	10	11	12	13	14	15	15	12	10	9	10	11	11	10	10	10	10



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1975

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - NE NO 77016 ASH ST WATER TANK SUDBURY

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	15.2	39	46
FEB	25	28.1	45	65
MAR	19	33.5	50	71
APR	20	24.7	44	54
MAY	29	29.8	66	86
JUN	25	24.4	53	71
JUL	28	29.6	72	88
AUG	25	26.1	62	103
SEP	29	16.7	38	52
OCT	29	15.3	35	60
NOV	24	15.4	24	36
DEC	24	12.0	21	30
YEAR	306	22.3	72	103

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1975

POLLUTANT - OZONE-CHEMILUMINESCENT

UNITS - PARTS/BILLION

STATION - NE NO 77016 ASH ST WATER TANK SUDBURY

MONTH	00 TO 10	11 TO 20	21 TO 30	31 TO 50	51 TO 80	81 TO 100	101 TO 150	151 & OVER	TOTAL
JAN	246	272	92	78	0	0	0	0	688
FEB	100	101	99	298	14	0	0	0	612
MAR	49	87	61	162	100	0	0	0	459
APR	105	89	100	187	9	0	0	0	490
MAY	53	161	237	155	91	5	0	0	702
JUN	109	176	143	171	32	0	0	0	631
JUL	84	223	108	150	118	4	0	0	687
AUG	86	226	144	112	72	3	1	0	644
SEP	202	295	133	74	1	0	0	0	705
OCT	257	284	89	46	11	0	0	0	687
NOV	183	231	160	14	0	0	0	0	588
DEC	239	301	61	0	0	0	0	0	601
YEAR	1713	2446	1427	1447	448	12	1	0	7494

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
85.5	0	4.7	12.1	18.0	26.9	44.1	52.2	62.0	69.2	103	22.3

19 # 126  
8005



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